



# *Five Advanced CSS Techniques Every Technical Author Should Know*

PRESENTED BY

*Mike Hamilton  
V.P. Product Evangelism  
MadCap Software*

# *Presenter Information*



Mike Hamilton

V.P. of Product Evangelism

MadCap Software

Before joining MadCap Software as a founding member of the executive team, Mike was the Product Manager for the RoboHelp product line since the days of Blue Sky Software, eHelp, and Macromedia. Mr. Hamilton joined the RoboHelp team in the mid '90s as a founding member of the Training Solutions Program team, where he co-authored the certified training materials supporting the RoboHelp family.

Mike has over 20 years of experience in training, technical communication, multimedia development, and software development at several organizations including Macromedia, eHelp/Blue Sky Software, Cymer, a leading supplier of laser illumination sources in the semiconductor industry, National Steel and Shipbuilding, and the US Navy.



# *Agenda*

- Easy Gradient Backgrounds
- Combining Elements/Styles
  - Float, Align, and the Box Model
- Non-Scrolling Regions
  - Overflow, Positioning

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# *Easy Gradient Backgrounds*

# *Gradient Backgrounds*

## **Gradient Background**

Delete this text and replace it with your own content.

```
H1.gradient {  
background: linear-gradient(to right, LightGray, White);  
}
```

## **Gradient Background**

Delete this text and replace it with your own content.

# Gradient Backgrounds

Stylesheet Editor | View: Advanced | Add Selector | Manage Font Sets | Options ▾

All Styles ▾ | Hide Inherited | [a-z] | [ ] | [ ] | [x] Medium: (default) ▾

form  
frame  
frameset  
h1  
h2  
h3  
h4  
h5  
h6  
head  
header

Gradient

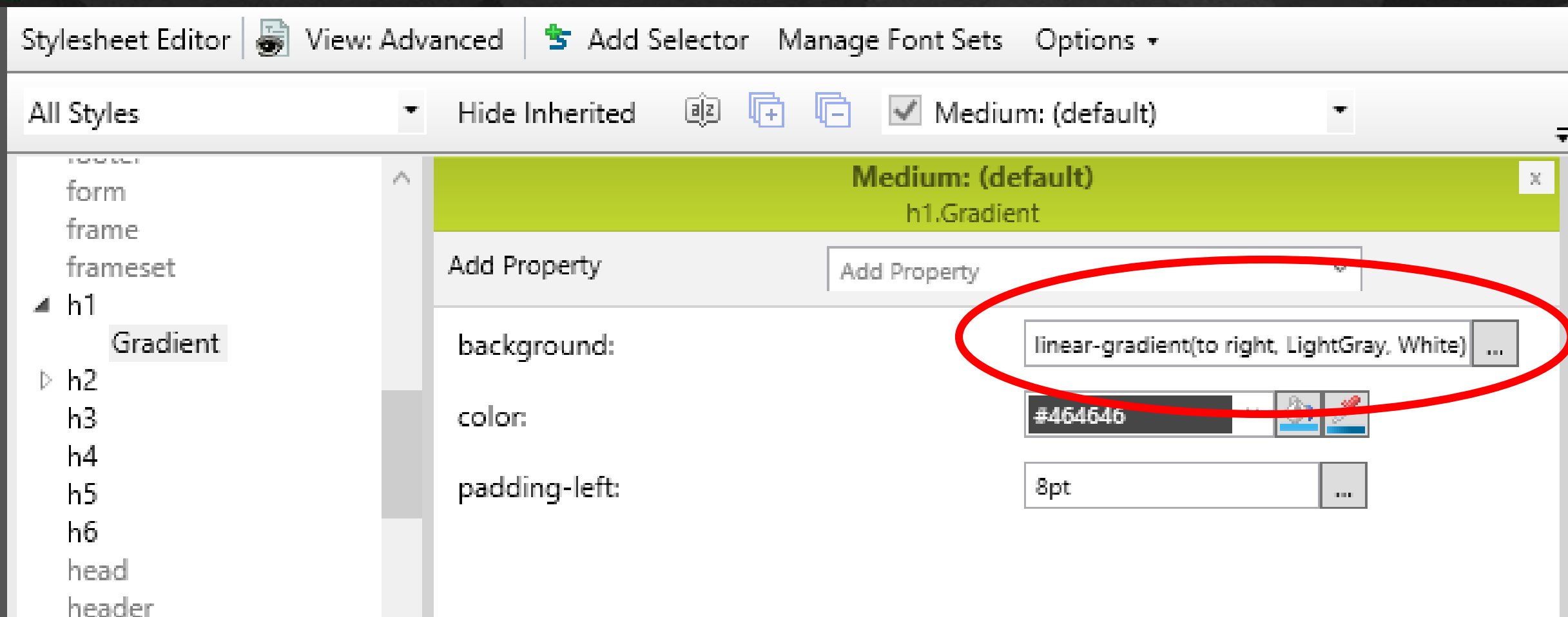
Medium: (default)  
h1.Gradient

Add Property

background: linear-gradient(to right, LightGray, White) ...

color: #464646

padding-left: 8pt





# *Combining Elements/Styles*



# Combining Elements/Styles

## The goal

### Combining Elements/Styles



*A beautiful lake*

Urna nullam at in vulputate, rutrum non tristique, tortor eu nisl nulla non mauris sit, nonummy adipiscing phasellus, integer ac interdum vel. Maecenas tellus hymenaeos aliquet dui voluptatem ut, arcu venenatis tellus, nec consequuntur blandit diam turpis adipiscing et, vitae proin bibendum. Arcu donec ut fringilla eget ullamcorper quis.

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# *Combining Elements/Styles*

## The starting point

### Combining Elements/Styles



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## *Combining Elements/Styles*

We will need three new style classes:

img.thumbnail

p.figcaption


div.imgcontainer



# Combining Elements/Styles

Layout (Web) Medium (default) Page Layout

## Combining Elements




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Urna nullam at in vulputate, rutrum non tristique, tortor eu nisl nulla non mauris sit, interdum vel. Maecenas tellus hymenaeos aliquet dui voluptatem ut, arcu venen turpis adipiscing et, vitae proin bibendum. Arcu donec ut fringilla eget ullamcorper

Layout (Web) Medium (default) Page Layout

## Combining Elements/Styles



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# Combining Elements/Styles

Layout (Web) Medium (default) Page Layout

Combining Elements



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Layout (Web) Medium (default) Page Layout

Combining Elements/Styles



*A beautiful lake*

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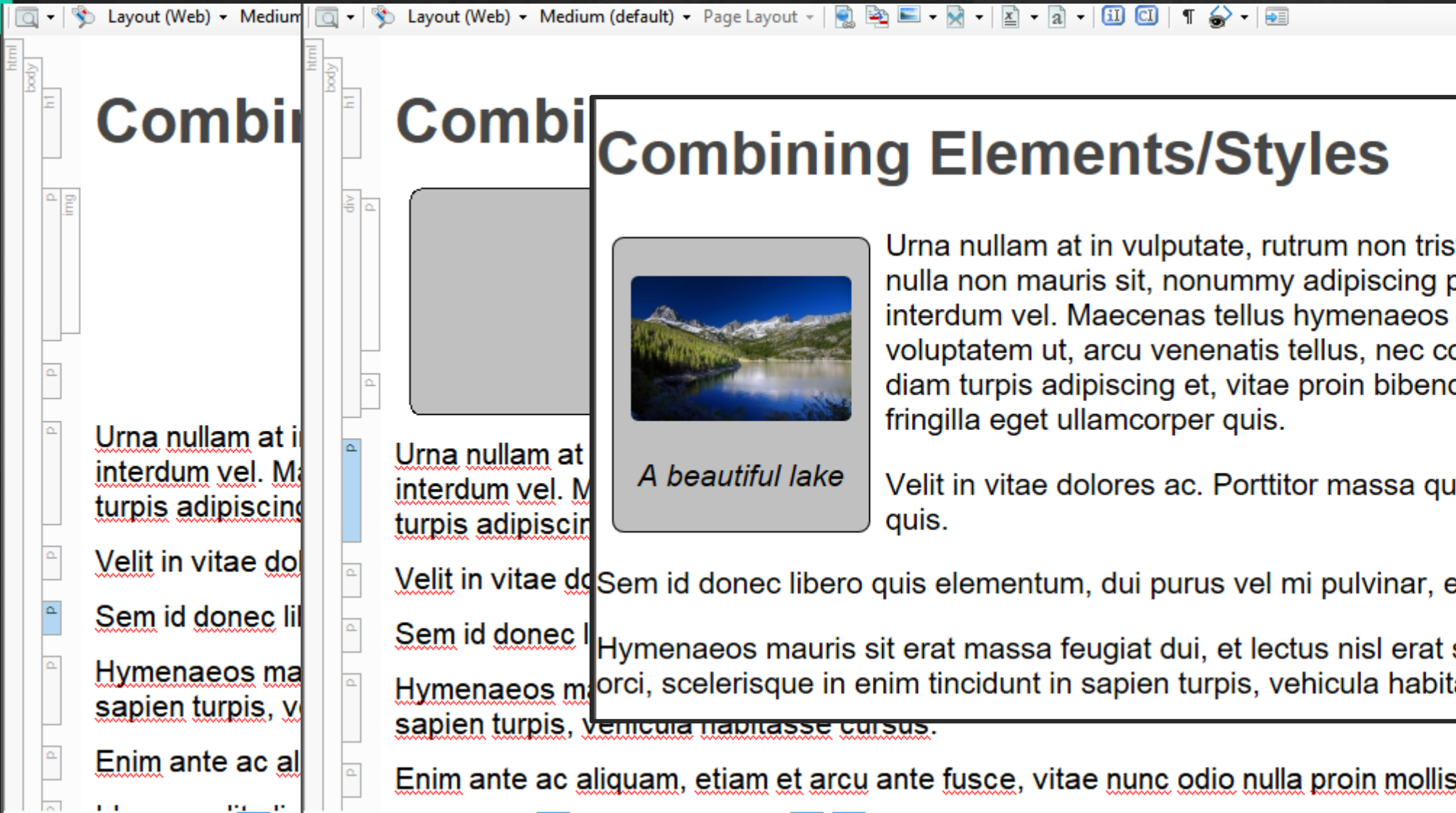
Velit in vitae dolores ac. Porttitor massa quisque, orci mi in et quis.

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Enim ante ac aliquam, etiam et arcu ante fusce, vitae nunc odio nulla proin mollis







# *Non-Scrolling Regions*



## *Non-Scrolling Regions*

A technique to keep the Heading 1 always visible while the topic scrolls under it.

# **WARNING:**

This example gets a bit complex with several elements modified and many style properties

# *Non-Scrolling Regions*

What we will do:

1. Remove the scroll bar
2. “Pin” the breadcrumbs to the top
3. “Pin” the H1 below the breadcrumbs
4. Style the H1 and breadcrumbs to look like a single item
5. Add the scroll bar back to the topic content





## *Non-Scrolling Regions*

Remove the scroll bar:

Add the “overflow” property to Body

```
body {  
    overflow: hidden;  
}
```

# *Non-Scrolling Regions*

“Pin” the breadcrumbs to the top:

```
MadCap|breadcrumbsProxy {  
    position: fixed;  
    width: 100%;  
    top: 0px;  
    right: 0px;  
    left: 0px;  
    padding-top: 10px;  
    padding-left: 20px;  
    margin: 0px;  
    background-color: #d3d3d3; }
```

# *Non-Scrolling Regions*

“Pin” the H1 below the breadcrumbs:

```
H1 {  
  font-weight: bold;  
  font-size: 14.0pt;  
  position: fixed;  
  top: 30px;  
  left: 0px;  
  right: 0px;  
  margin: 0px;  
  padding-bottom: 10px;  
  padding-left: 20px;  
  padding-top: 5px;  
  width: 100%;  
  border-bottom: solid 2px #556b2f;  
  background-color: #d3d3d3; }
```

# *Non-Scrolling Regions*

Adding the scroll bar back to the content:

```
div.ScrollArea
```

```
{
```

```
  position: fixed;
```

```
  overflow: auto;
```

```
  margin-right: 2px;
```

```
  margin-top: 60px;
```

```
}
```





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# Thank You!

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