

# Converting Colors

HunterLab(65.8513, 10.5549,  
30.0198)

Have a look what the booklet for  
HunterLab(65.8513, 10.5549,  
30.0198) contains.

<b>HunterLab(65.8166, 10.4340, 29.8776)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(65.8166, 10.4340,  
29.8776)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0A464
RGB	224, 164, 100
RGB Percent	88%, 64%, 39%
CMY	0.1216, 0.3568, 0.6078
CMYK	0.00, 0.27, 0.55, 0.12
HSL	31°, 67%, 64%
HSV	31°, 55%, 88%
XYZ	46.3161, 43.3182, 17.9766
YIQ	174.6440, 56.3040, -7.1840

# Conversions

## Conversions Part 2

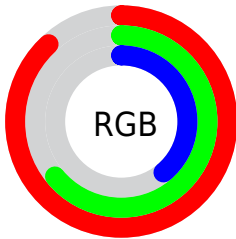
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 224, 100
Decimal	14722148
CIE Lab	71.77, 15.14, 41.61
CIE LCh	72, 44.278, 70.010
Yxy	43.3204, 0.4304, 0.4025
Android (android.graphics.Color)	4292912228 (0xFFE0A464)
YUV	174.6440, -36.7995, 43.2852
Hunter-Lab	65.8166, 10.4340, 29.8776

# Details

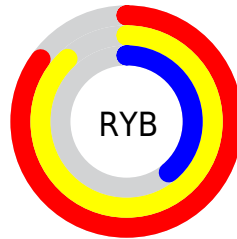
The HunterLab color  $65.8166, 10.4340, 29.8776$  is a light color, and the websafe version is hex  $CC9966$ . A complement of this color would be  $57.6464, -4.0235, -37.0802$ , and the grayscale version is  $65.4593, -3.4927, 3.5565$ .

A 20% lighter version of the original color is  $86.1336, -1.0285, 32.6092$ , and  $44.6479, 10.2912, 23.5329$  is the 20% darker color. If you saturate the color by 10%, you get  $62.6332, 14.4208, 32.0944$ , and if you desaturate by 10%, it is  $69.1819, 6.8495, 26.8578$ .

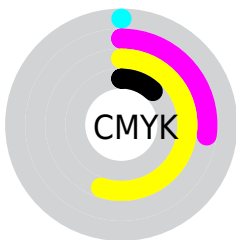
# Distribution



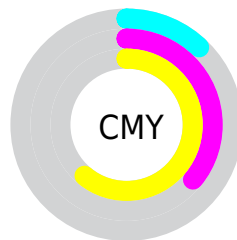
- Red (88%)
- Green (64%)
- Blue (39%)



- Red (85%)
- Yellow (88%)
- Blue (39%)



- Cyan (0%)
- Magenta (27%)
- Yellow (55%)
- Black (12%)




- Cyan (12%)
- Magenta (36%)
- Yellow (61%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.8166, 10.4340, 29.8776 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 65.8166, 10.4340, 29.8776 by changing the saturation by 10% instead.





 65.8166, 10.4340,  
29.8776


 65.8166, 10.4340,  
29.8776


189.7176, 9.3208,  
53.7430


 54.8968, 10.2625,  
26.8017


 89.5512, 10.5578,  
35.6648


 44.6568, 10.0130,  
23.5637

 102.2999, 10.5290,  
38.4172

 35.1470, 9.6709,  
20.1241


 115.6022, 10.4452,  
41.0966

 26.4284, 9.2211,  
16.4345

 129.4356, 10.3104,  
43.7149

 18.5809, 8.6427,  
13.0066

143.7807, 10.1278,  
46.2815

 11.7144, 7.9070,  
8.2001

158.6198, 9.9004,

 4.4290, 14.6556,

48.8043

3.1003

173.9369, 9.6307,  
51.2896

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.8166, 10.4340,  
29.8776

■ 65.8166, 10.4340,  
29.8776

■ 62.6332, 14.4208,  
32.0944

■ 69.1819, 6.8495,  
26.8578

■ 59.6402, 18.8105,  
33.4608

■ 72.7111, 3.6706,  
23.0904

■ 56.8517, 23.5708,  
33.9590

■ 76.3931, 0.8795,  
18.6384

■ 54.2781, 28.6420,  
33.6210

■ 80.2161, -1.5446,  
13.5635

■ 53.1518, 31.0478,

■ 84.1691, -3.6251,

33.2954

7.9244

■ 88.2424, -5.3866,  
1.7750

■ 92.3638, -7.2006,  
-3.9423

■ 95.8535, -12.8144,  
0.3207

■ 97.2560, -15.0174,  
1.9902

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.8182, 29.2869, 23.3338



65.8166, 10.4340, 29.8776



65.8182, -10.1930, 30.7451

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.8182, 10.4309, 29.8784



65.8182, -37.8467, -3.2359



65.8182, 23.6364, -31.8641

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.8166, 10.4340, 29.8776



57.6464, -4.0235, -37.0802

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.8182, 3.4395, -44.7458



65.8166, 10.4340, 29.8776



65.8182, -30.9338, -25.1902

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.8182, 10.4309, 29.8784



65.8182, -36.4568, 15.0998



65.8182, -16.3893, -41.9880



65.8182, 37.5309, -10.4850



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.8166, 10.4340, 29.8776



65.8182, -21.9998, 28.3875



65.8182, -16.3893, -41.9880



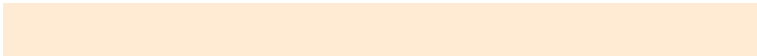
65.8182, 17.2647, -37.5878

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.8182, 10.4309, 29.8784



92.1175, -1.3228, 16.7977



52.5076, 50.2765, -5.3629



42.2000, -0.3578, 8.3361

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.8182, 10.4309, 29.8784



72.1458, 17.2497, 37.4005



83.7128, -19.2079, 42.7077



38.5550, -1.3146, 4.8090



40.8360, 23.0364, 25.5663



11.5542, 4.3140, 7.1952



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.6464, -4.0235, -37.0802



61.0610, -1.6795, -54.2677



41.4799, 27.5368, -74.7579



37.8581, -2.6154, -0.8167



31.0644, 9.3629, -59.0397

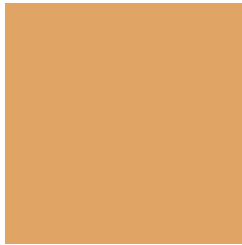


9.2066, 0.5251, -12.6410



# Previews

## White Background



This preview shows how the HunterLab color 65.8166, 10.4340, 29.8776 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

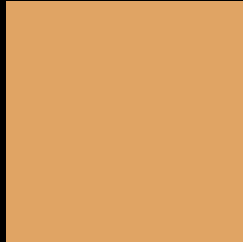
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 65.8166, 10.4340, 29.8776 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

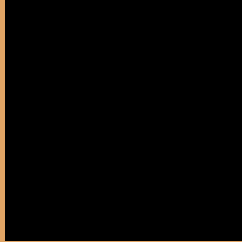
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 65.8166, 10.4340, 29.8776 Background



This preview shows how black text looks on a background with the HunterLab color 65.8166, 10.4340, 29.8776.



This preview shows how white text looks on a background with the HunterLab color 65.8166, 10.4340,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

65.8166, 10.4340, 29.8776

### Protanopia

65.8693, -6.8304, 28.6802

### Deuteranopia

65.8431, 4.8146, 30.0270



## Tritanopia

65.7739, 24.0328, 7.5565

# Trichromacy



## Original Color

65.8166, 10.4340, 29.8776

## Protanomaly

65.8192, -1.0026, 28.9809

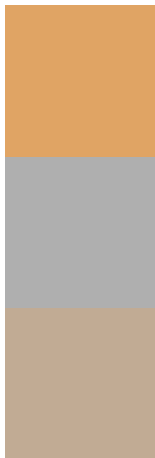
## Deuteranomaly

65.9118, 6.4791, 30.1095

## Tritanomaly

65.6585, 18.4039, 17.3146

# Monochromacy



## Original Color

65.8166, 10.4340, 29.8776

## Achromatopsia

65.4745, -3.4936, 3.5574

## Achromatomaly

65.2697, 0.3677, 14.7752

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.8166, 10.4340, 29.8776 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(224, 164, 100)` looks like.

```
.text, #text, p{  
    color:rgb(224, 164, 100)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 164, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 164, 100) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.8166, 10.4340, 29.8776 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 164, 100) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(224, 164, 100) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(224, 164, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 164, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 164, 100);  
box-shadow:4px 4px 4px 4px rgb(224, 164,  
100) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.8166, 10.4340, 29.8776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 164, 100) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
164, 100) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor