

Converting Colors

HunterLab(65.8599, 7.8476,
24.7220)

Have a look what the booklet for
HunterLab(65.8599, 7.8476,
24.7220) contains.

HunterLab(65.7476, 8.0510, 24.6303)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(65.7476, 8.0510,
24.6303)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A678
RGB	216, 166, 120
RGB Percent	85%, 65%, 47%
CMY	0.1529, 0.3490, 0.5294
CMYK	0.00, 0.23, 0.44, 0.15
HSL	29°, 55%, 66%
HSV	29°, 44%, 85%
XYZ	45.3453, 43.2275, 23.7231
YIQ	175.7060, 44.5660, -3.7060

Conversions

Conversions Part 2

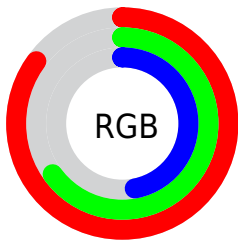
Format	Color
R _Y B	216, 208, 120
Decimal	14198392
CIE Lab	71.71, 12.63, 30.88
CIE LCh	72, 33.361, 67.749
Yxy	43.2295, 0.4038, 0.3849
Android (android.graphics.Color)	4292388472 (0xFFD8A678)
YUV	175.7060, -27.4631, 35.3378
Hunter-Lab	65.7476, 8.0510, 24.6303

Details

The HunterLab color **65.7476, 8.0510, 24.6303** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **61.3994, -7.1086, -25.0241**, and the grayscale version is **65.8668, -3.5145, 3.5787**.

A 20% lighter version of the original color is **87.1723, 0.2851, 26.8304**, and **44.5651, 7.9373, 19.6689** is the 20% darker color. If you saturate the color by 10%, you get **62.3299, 11.8418, 27.5282**, and if you desaturate by 10%, it is **69.3433, 4.6383, 21.0631**.

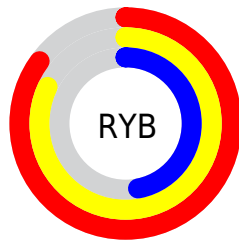
Distribution



Red (85%)

Green (65%)

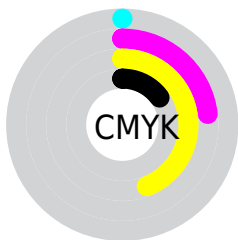
Blue (47%)



Red (85%)

Yellow (82%)

Blue (47%)

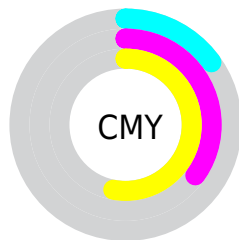


Cyan (0%)

Magenta (23%)

Yellow (44%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.7476, 8.0510, 24.6303 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 65.7476, 8.0510, 24.6303 by changing the saturation by 10% instead.


 65.7476, 8.0510,
24.6303


 65.7476, 8.0510,
24.6303


189.6193, 6.0530,
43.7253


 54.8318, 7.9987,
22.2506


 89.4746, 7.9529,
29.1571

 44.5961, 7.8744,
19.7620

 102.2200, 7.8196,
31.3335

 35.0909, 7.6646,
17.1321


 115.5188, 7.6352,
33.4670

 26.3775, 7.3553,
14.3141

129.3491, 7.4031,
35.5657

 18.5356, 6.9267,
11.5090

143.6911, 7.1264,
37.6361

 11.6756, 6.3498,
8.1729

158.5272, 6.8077,

 4.3516, 12.4176,

39.6834

3.0461

173.8415, 6.4492,
41.7120

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.7476, 8.0510,
24.6303

■ 65.7476, 8.0510,
24.6303

■ 62.3299, 11.8418,
27.5282

■ 69.3433, 4.6383,
21.0631

■ 59.1014, 16.0239,
29.6917

■ 73.0975, 1.5972,
16.8883

■ 56.0799, 20.5837,
31.0684

■ 76.9982, -1.0963,
12.1683

■ 53.2817, 25.4871,
31.6274


■ 81.0332, -3.4659,
6.9599


■ 50.7207, 30.6670,


■ 85.1915, -5.5367,


31.3841

1.3142

 49.3978, 33.5956,
31.0268

 89.4633, -7.3332,
-4.7235

 93.2584, -12.0985,
-2.8943

 96.6121, -17.3302,
1.1685

Harmonies

Analogous

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



65.7492, 21.5050, 18.5584



65.7476, 8.0510, 24.6303



65.7492, -7.4462, 25.7726

Triad

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



65.7492, 8.0482, 24.6311



65.7492, -30.2885, -0.3225



65.7492, 15.5610, -22.7328

Complementary

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



65.7476, 8.0510, 24.6303



61.3994, -7.1086, -25.0241

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.



65.7492, 0.5175, -30.7838



65.7476, 8.0510, 24.6303



65.7492, -25.2701, -16.0459

Square

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



65.7492, 8.0482, 24.6311



65.7492, -28.6716, 13.3523



65.7492, -14.3244, -28.0904



65.7492, 26.1125, -7.9717

Rectangle

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



65.7476, 8.0510, 24.6303



65.7492, -16.7038, 23.9018



65.7492, -14.3244, -28.0904



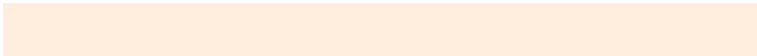
65.7492, 10.8101, -26.4515

Sweetspot

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



65.7492, 8.0482, 24.6311



93.5529, -1.7226, 13.8861



55.6598, 38.5885, -6.1749



42.7877, -0.4834, 7.0442

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.7492, 8.0482, 24.6311



75.5976, 13.8375, 32.9264



79.6511, -15.1177, 35.5886



36.5963, -1.0776, 4.4500



38.2841, 25.1794, 24.0313



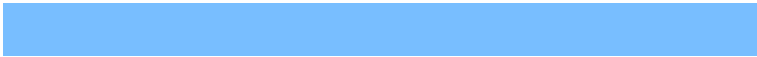
10.2433, 4.2929, 6.3870

Inverse Universe

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



61.3994, -7.1086, -25.0241



69.3762, -7.5844, -38.2368



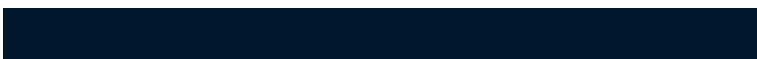
48.1321, 16.8213, -50.0726



36.1497, -2.6638, -0.6306



31.7415, 5.7869, -52.1663



8.7925, -0.3529, -10.2280

Previews

White Background



This preview shows how the HunterLab color 65.7476, 8.0510, 24.6303 looks on a white background.

Color Contrast Check

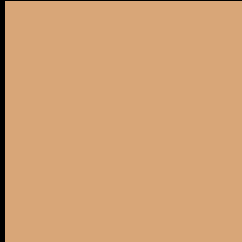
Large Text (above 18pt) WCAG AA × Fail

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 65.7476, 8.0510, 24.6303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

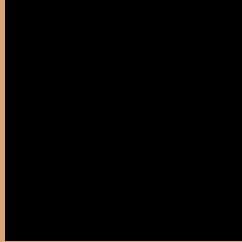
Any Text WCAG AA ✓ Pass

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 65.7476, 8.0510, 24.6303 Background



This preview shows how black text looks on a background with the HunterLab color 65.7476, 8.0510, 24.6303.



This preview shows how white text looks on a background with the HunterLab color 65.7476, 8.0510,

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

65.7476, 8.0510, 24.6303

Protanopia

65.9189, -5.9638, 23.3633

Deuteranopia

65.6224, 4.7671, 24.4650



Tritanopia

65.6572, 19.8576, 6.0136

Trichromacy



Original Color

65.7476, 8.0510, 24.6303

Protanomaly

65.6332, -0.9565, 23.4983

Deuteranomaly

65.5672, 6.0238, 24.4395

Tritanomaly

65.7022, 14.8879, 13.9393

Monochromacy



Original Color

65.7476, 8.0510, 24.6303

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

65.5604, 0.2728, 11.9586

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.7476, 8.0510, 24.6303 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(216, 166, 120)` looks like.

```
.text, #text, p{  
    color:rgb(216, 166, 120)  
}
```

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(216, 166, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 166, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 65.7476, 8.0510, 24.6303 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(216, 166, 120) }
```


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

```
.border{ border-color:rgb(216, 166, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 166, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 166, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 166, 120);  
box-shadow:4px 4px 4px 4px rgb(216, 166,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.7476, 8.0510, 24.6303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 166, 120) }
```

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

```
.background{ background-color: rgb(216,  
166, 120) }
```

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