

Converting Colors

HunterLab(66.0750, 12.4376,
22.7619)

Have a look what the booklet for
HunterLab(66.0750, 12.4376,
22.7619) contains.

HunterLab(66.1796, 12.5812, 22.7038)	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(66.1796, 12.5812,
22.7038)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA480
RGB	223, 164, 128
RGB Percent	87%, 64%, 50%
CMY	0.1255, 0.3568, 0.4980
CMYK	0.00, 0.26, 0.43, 0.13
HSL	23°, 60%, 69%
HSV	23°, 43%, 87%
XYZ	47.6032, 43.7974, 26.3668
YIQ	177.5370, 46.7200, 1.3120

Conversions

Conversions Part 2

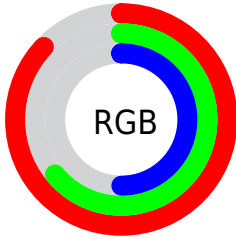
Format	Color
R _Y B	223, 186, 128
Decimal	14656640
CIE Lab	72.09, 17.36, 27.22
CIE LCh	72, 32.288, 57.479
Yxy	43.7995, 0.4042, 0.3719
Android (android.graphics.Color)	4292846720 (0xFFDFA480)
YUV	177.5370, -24.4217, 39.8711
Hunter-Lab	66.1796, 12.5812, 22.7038

Details

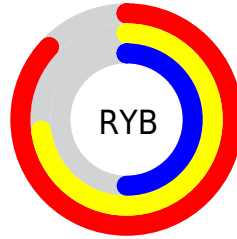
The HunterLab color $66.1796, 12.5812, 22.7038$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $67.4209, -12.1086, -20.0603$, and the grayscale version is $66.6165, -3.5545, 3.6194$.

A 20% lighter version of the original color is $86.7521, 2.3219, 23.6195$, and $44.9949, 12.0869, 18.4396$ is the 20% darker color. If you saturate the color by 10%, you get $62.1171, 17.5868, 25.6467$, and if you desaturate by 10%, it is $70.4858, 7.9615, 19.1942$.

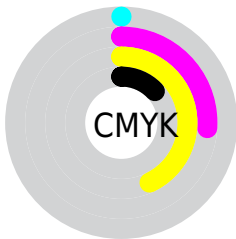
Distribution



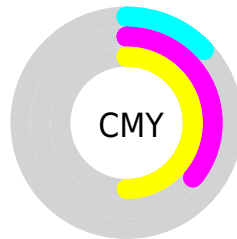
- Red (87%)
- Green (64%)
- Blue (50%)



- Red (87%)
- Yellow (73%)
- Blue (50%)



- Cyan (0%)
- Magenta (26%)
- Yellow (43%)
- Black (13%)





- Cyan (13%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.1796, 12.5812, 22.7038 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 66.1796, 12.5812, 22.7038 by changing the saturation by 10% instead.


 66.1796, 12.5812,
22.7038


 66.1796, 12.5812,
22.7038

190.2339, 12.2324,
40.2100


 55.2385, 12.3083,
20.5589


 89.9533, 12.8959,
26.8087

 44.9758, 11.9523,
18.3250


 102.7203, 12.9571,
28.7932

 35.4416, 11.4985,
15.9743


 116.0400, 12.9602,
30.7450

 26.6964, 10.9310,
13.4650


129.8903, 12.9094,
32.6710

 18.8193, 10.2289,
10.7795

144.2515, 12.8083,
34.5765

 11.9190, 9.3653,
8.3433

159.1063, 12.6601,

 4.8151, 15.4514,

36.4659

3.3706

174.4385, 12.4673,
38.3427

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.1796, 12.5812,
22.7038

■ 66.1796, 12.5812,
22.7038

■ 62.1171, 17.5868,
25.6467

■ 70.4858, 7.9615,
19.1942

■ 58.3217, 22.9813,
27.9376

■ 75.0056, 3.7238,
15.1914

■ 54.8256, 28.7275,
29.4963

■ 79.7184, -0.1574,
10.7635

■ 51.6604, 34.7498,
30.2580


■ 84.6048, -3.7099,
5.9682


■ 48.8558, 40.9161,


■ 89.6479, -6.9633,

30.2020

0.8536

 47.0204, 45.4270,
29.7690

 94.5981, -11.2497,
-1.2021

 97.1740, -15.3107,
1.8860

Harmonies

Analogous

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



66.1812, 23.8413, 14.9818



66.1796, 12.5812, 22.7038



66.1812, -2.2702, 25.4512

Triad

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



66.1812, 12.5783, 22.7047



66.1812, -29.7875, 4.7898



66.1812, 10.2067, -25.4158

Complementary

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



66.1796, 12.5812, 22.7038



67.4209, -12.1086, -20.0603

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.



66.1812, -4.7900, -29.8080



66.1796, 12.5812, 22.7038



66.1812, -27.0770, -10.2433

Square

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



66.1812, 12.5783, 22.7047



66.1812, -25.9957, 16.6403



66.1812, -18.2401, -23.7358



66.1812, 22.3892, -12.7835

Rectangle

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



66.1796, 12.5812, 22.7038



66.1812, -11.9198, 24.6777



66.1812, -18.2401, -23.7358



66.1812, 5.2896, -28.0119

Sweetspot

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



66.1812, 12.5783, 22.7047



92.5243, 0.0321, 12.7969



58.9616, 39.8490, -10.9075



42.2342, 0.4658, 6.4666

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.1812, 12.5783, 22.7047



72.8724, 19.7382, 29.4771



79.6897, -10.7574, 33.7215



38.1414, -0.6156, 4.3611



36.3335, 34.0914, 22.9854



10.4107, 6.8566, 6.5351

Inverse Universe

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



67.4209, -12.1086, -20.0603



74.5519, -14.3373, -29.5526



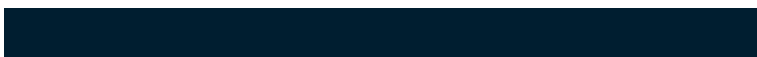
53.7298, 11.2776, -43.7308



38.2805, -3.3069, -0.3026



37.5852, -2.4745, -41.6365



10.7243, -1.9680, -9.1562

Previews

White Background



This preview shows how the HunterLab color 66.1796, 12.5812, 22.7038 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 66.1796, 12.5812, 22.7038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

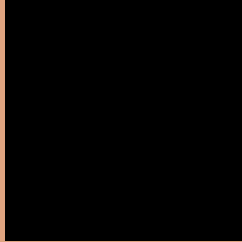
Any Text WCAG AA ✓ Pass

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 66.1796, 12.5812, 22.7038 Background



This preview shows how black text looks on a background with the HunterLab color 66.1796, 12.5812, 22.7038.



This preview shows how white text looks on a background with the HunterLab color 66.1796, 12.5812,

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

66.1796, 12.5812, 22.7038

Protanopia

66.3207, -5.6801, 20.6038

Deuteranopia

66.3200, 4.4756, 22.9941



Tritanopia

66.0961, 22.4983, 7.0078

Trichromacy



Original Color

66.1796, 12.5812, 22.7038

Protanomaly

66.0216, 0.7326, 21.0910

Deuteranomaly

66.3209, 7.3626, 23.0455

Tritanomaly

66.0885, 18.9894, 13.2356

Monochromacy



Original Color

66.1796, 12.5812, 22.7038

Achromatopsia

66.7234, -3.5602, 3.6252

Achromatomaly

66.2530, 1.3552, 11.0860

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.1796, 12.5812, 22.7038 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(223, 164, 128)` looks like.

```
.text, #text, p{  
    color:rgb(223, 164, 128)  
}
```

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(223, 164, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 164, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 66.1796, 12.5812, 22.7038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

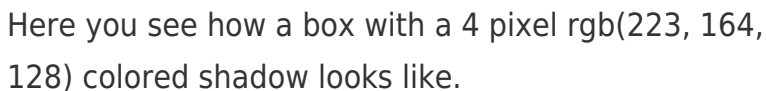
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 164, 128) }
```


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

```
.border{ border-color:rgb(223, 164, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(223, 164, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 164, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 164, 128); box-shadow:4px 4px 4px 4px rgb(223, 164, 128) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.1796, 12.5812, 22.7038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 164, 128) }
```

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

```
.background{ background-color: rgb(223,  
164, 128) }
```

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