

Converting Colors

HunterLab(65.4157, -12.0376,
19.3354)

Have a look what the booklet for
HunterLab(65.4157, -12.0376,
19.3354) contains.

HunterLab(65.3912, -12.0522, 19.2998)	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(65.3912,
-12.0522, 19.2998)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB387
RGB	172, 179, 135
RGB Percent	67%, 70%, 53%
CMY	0.3255, 0.2980, 0.4706
CMYK	0.04, 0.00, 0.25, 0.30
HSL	70°, 22%, 62%
HSV	70°, 25%, 70%
XYZ	37.5065, 42.7601, 29.1983
YIQ	171.8910, 9.9520, -15.1680

Conversions

Conversions Part 2

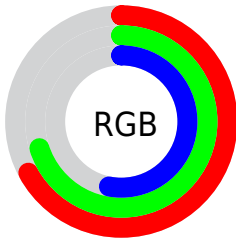
Format	Color
RYB	135, 179, 142
Decimal	11318151
CIELab	71.39, -9.95, 21.70
CIELCh	71, 23.876, 114.628
Yxy	42.7620, 0.3426, 0.3906
Android (android.graphics.Color)	4289508231 (0xFFACB387)
YUV	171.8910, -18.1873, 0.0956
Hunter-Lab	65.3912, -12.0522, 19.2998

Details

The HunterLab color $65.3912, -12.0522, 19.2998$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $51.3171, 7.4419, -17.5248$, and the grayscale version is $64.2555, -3.4285, 3.4911$.

A 20% lighter version of the original color is $89.1860, -14.4133, 23.0750$, and $44.1583, -9.7374, 15.5003$ is the 20% darker color. If you saturate the color by 10%, you get $64.7923, -14.9453, 24.2342$, and if you desaturate by 10%, it is $66.0570, -8.8403, 13.5376$.

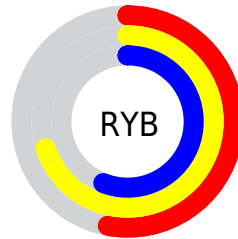
Distribution



Red (67%)

Green (70%)

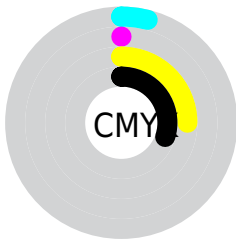
Blue (53%)



Red (53%)

Yellow (70%)

Blue (56%)

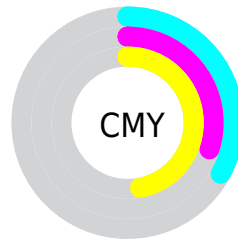


Cyan (4%)

Magenta (0%)

Yellow (25%)

Black (30%)



Cyan (33%)

Magenta (30%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.3912, -12.0522, 19.2998 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 65.3912, -12.0522, 19.2998 by changing the saturation by 10% instead.

■ 65.3912, -12.0522,
19.2998

■ 65.3912, -12.0522,
19.2998

189.1116,
-22.4637, 34.4838

■ 54.4962, -10.9396,
17.4927

■ 89.0795, -14.2955,
22.7936

■ 44.2829, -9.8240,
15.6242

■ 101.8069,
-15.4279, 24.4986

■ 34.8019, -8.7006,
13.6724

■ 115.0885,
-16.5702, 26.1851

■ 26.1148, -7.5587,
11.6032

128.9023,
-17.7238, 27.8582

■ 18.3021, -6.3805,
9.3627

143.2283,
-18.8893, 29.5218

■ 11.4756, -5.1318,
8.0329

158.0490,

■ 3.9272, -6.8726,

-20.0676, 31.1789

2.7490

173.3482,
-21.2589, 32.8322

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.3912, -12.0522,
19.2998

■ 65.3912, -12.0522,
19.2998

■ 64.7923, -14.9453,
24.2342

■ 66.0570, -8.8403,
13.5376

■ 64.2544, -17.5150,
28.3478

■ 66.7863, -5.3069,
6.9446

■ 63.7769, -19.7677,
31.6611

■ 67.5814, -1.4595,
-0.4714

■ 63.3571, -21.7125,
34.2045

■ 68.4424, 2.6940,
-8.6964

■ 62.9916, -23.3638,

■ 69.3695, 7.1432,

36.0217

-17.7106

■ 62.6762, -24.7423,
37.1720

■ 70.3621, 11.8762,
-27.4894

■ 62.4051, -25.8775,
37.7361

■ 71.1768, 15.6174,
-34.6757

■ 62.2693, -26.4338,
37.9073

■ 71.4400, 16.4598,
-34.2084

■ 71.7073, 17.3123,
-33.7360

Harmonies

Analogous

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



65.3926, -1.5060, 20.5533



65.3912, -12.0522, 19.2998



65.3926, -19.8211, 14.1435

Triad

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



65.3926, -12.0540, 19.3006



65.3926, -15.2622, -15.0099



65.3926, 18.8642, 1.6528

Complementary

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



65.3912, -12.0522, 19.2998



51.3171, 7.4419, -17.5248

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.



65.3926, 14.6139, -9.1558



65.3912, -12.0522, 19.2998



65.3926, -5.4559, -19.7386

Square

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



65.3926, -12.0540, 19.3006



65.3926, -21.5861, -5.3680



65.3926, 5.5330, -17.4371



65.3926, 16.8106, 11.3825

Rectangle

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



65.3912, -12.0522, 19.2998



65.3926, -22.6164, 8.6588



65.3926, 5.5330, -17.4371



65.3926, 18.1174, -1.9867

Sweetspot

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



65.3926, -12.0540, 19.3006



89.1200, -8.3413, 11.6359



55.2823, 8.4485, 9.6286



41.9205, -4.0594, 5.7275



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



65.3926, -12.0540, 19.3006



87.1059, -18.0840, 29.2072



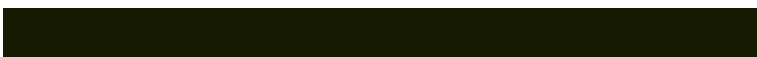
63.6503, -18.4334, 17.5463



31.3637, -3.3144, 4.8018



52.3660, -22.1341, 31.8802



9.3868, -3.5511, 5.7219

Inverse Universe

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



51.3171, 7.4419, -17.5248



64.6678, 13.1625, -29.9508



53.3232, 13.9034, -14.3218



28.7975, 0.2073, -1.8237



15.8065, 41.6191, -102.5748



3.1394, 7.6813, -15.8394

Previews

White Background



This preview shows how the HunterLab color 65.3912, -12.0522, 19.2998 looks on a white background.

Color Contrast Check

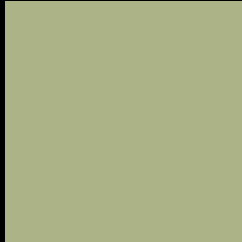
Large Text (above 18pt) WCAG AA × Fail

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 65.3912, -12.0522, 19.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

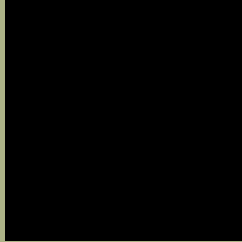
Any Text WCAG AA ✓ Pass

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 65.3912, -12.0522, 19.2998 Background



This preview shows how black text looks on a background with the HunterLab color 65.3912, -12.0522, 19.2998.



This preview shows how white text looks on a background with the HunterLab color 65.3912,

-12.0522, 19.2998.

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

65.3912, -12.0522, 19.2998

Protanopia

65.2153, -5.0177, 19.9234

Deuteranopia

65.3060, 4.3932, 18.8315



Tritanopia

65.2947, 1.1151, -1.9285

Trichromacy



Original Color

65.3912, -12.0522, 19.2998

Protanomaly

65.3582, -7.5367, 19.6813

Deuteranomaly

65.1837, -1.9752, 18.9448

Tritanomaly

65.3300, -4.4637, 6.9987

Monochromacy



Original Color

65.3912, -12.0522, 19.2998

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

64.7563, -6.9197, 9.7494

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.3912, -12.0522, 19.2998 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(172, 179, 135)` looks like.

```
.text, #text, p{  
    color:rgb(172, 179, 135)  
}
```

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(172, 179, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 179, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 65.3912, -12.0522, 19.2998 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(172, 179, 135) }
```


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

```
.border{ border-color:rgb(172, 179, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 179, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 179, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 179, 135);  
box-shadow:4px 4px 4px 4px rgb(172, 179,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.3912, -12.0522, 19.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 179, 135) }
```

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

```
.background{ background-color: rgb(172,  
179, 135) }
```

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