

# Converting Colors

HunterLab(68.2885, -18.2925,  
25.5195)

Have a look what the booklet for  
HunterLab(68.2885, -18.2925,  
25.5195) contains.

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# Color

**HunterLab(68.2612,  
-18.0334, 25.4704)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACBD7B
RGB	172, 189, 123
RGB Percent	67%, 74%, 48%
CMY	0.3255, 0.2588, 0.5176
CMYK	0.09, 0.00, 0.35, 0.26
HSL	75°, 33%, 61%
HSV	75°, 35%, 74%
XYZ	38.7860, 46.5959, 25.6885
YIQ	176.3930, 11.0540, -24.1300

# Conversions

## Conversions Part 2

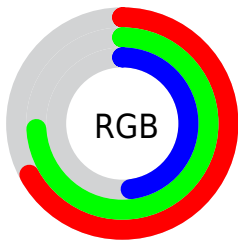
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 189, 140
Decimal	11320699
CIELab	73.93, -16.77, 31.47
CIELCh	74, 35.660, 118.050
Yxy	46.5980, 0.3492, 0.4195
Android (android.graphics.Color)	4289510779 (0xFFACBD7B)
YUV	176.3930, -26.3227, -3.8527
Hunter-Lab	68.2612, -18.0334, 25.4704

# Details

The HunterLab color  $68.2612, -18.0334, 25.4704$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $48.3908, 15.2260, -28.9062$ , and the grayscale version is  $66.1580, -3.5300, 3.5945$ .

A 20% lighter version of the original color is  $92.1593, -20.8876, 29.9976$ , and  $46.9162, -15.0862, 20.6796$  is the 20% darker color. If you saturate the color by 10%, you get  $67.5489, -21.3182, 29.7309$ , and if you desaturate by 10%, it is  $69.0500, -14.3954, 20.3553$ .

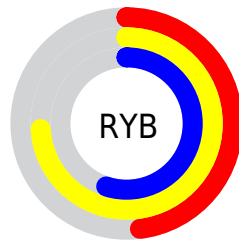
# Distribution



Red (67%)

Green (74%)

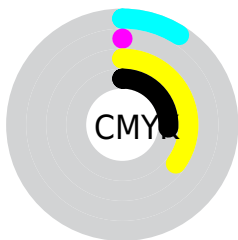
Blue (48%)



Red (48%)

Yellow (74%)

Blue (55%)

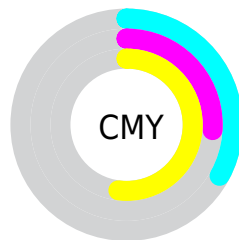


Cyan (9%)

Magenta (0%)

Yellow (35%)

Black (26%)



Cyan (33%)

Magenta (26%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.2612, -18.0334, 25.4704 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 68.2612, -18.0334, 25.4704 by changing the saturation by 10% instead.



■ 68.2612, -18.0334,  
25.4704

■ 68.2612, -18.0334,  
25.4704

193.1858,  
-31.1217, 44.7505

■ 57.1996, -16.5464,  
23.0737

■ 92.2568, -20.9639,  
30.0357

■ 46.8086, -15.0303,  
20.5712

■ 105.1272,  
-22.4149, 32.2327

■ 37.1364, -13.4739,  
17.9322

■ 118.5459,  
-23.8621, 34.3871

■ 28.2410, -11.8578,  
15.1129

132.4915,  
-25.3084, 36.5069

■ 20.1973, -10.1500,  
12.1287

146.9447,  
-26.7560, 38.5985

■ 13.1073, -8.2929,  
9.1751

161.8884,

■ 6.5976, -11.4277,

-28.2064, 40.6668

4.6183

177.3068,  
-29.6613, 42.7163

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2612, -18.0334,  
25.4704

■ 68.2612, -18.0334,  
25.4704

■ 67.5489, -21.3182,  
29.7309

■ 69.0500, -14.3954,  
20.3553

■ 66.9067, -24.2446,  
33.1501

■ 69.9119, -10.4027,  
14.3792

■ 66.3338, -26.8200,  
35.7565

■ 70.8490, -6.0648,  
7.5479

■ 65.8268, -29.0561,  
37.5929


■ 71.8615, -1.3923,  
-0.1252


■ 65.3812, -30.9721,


■ 72.9490, 3.6016,


38.7205


-8.6202


 64.9912, -32.5981,  
39.2251

 74.1110, 8.9019,  
-17.9110

 64.8072, -33.3545,  
39.3500

 75.3334, 14.4241,  
-27.7869

 75.8020, 15.9349,  
-27.0115

 76.2820, 17.4733,  
-26.2232

# Harmonies

## Analogous

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



68.2627, -2.5552, 27.6535



68.2612, -18.0334, 25.4704



68.2627, -28.7044, 17.9264

# Triad

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



68.2627, -18.0352, 25.4711



68.2627, -19.7495, -27.4449



68.2627, 31.3245, 2.6732

# Complementary

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



68.2612, -18.0334, 25.4704



48.3908, 15.2260, -28.9062

# 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.



68.2627, 25.6463, -14.4111



68.2612, -18.0334, 25.4704



68.2627, -4.7300, -34.1908

# Square

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



68.2627, -18.0352, 25.4711



68.2627, -29.6255, -12.1840



68.2627, 12.0437, -28.9321



68.2627, 26.9137, 16.5229



# Rectangle

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



68.2612, -18.0334, 25.4704



68.2627, -32.1856, 9.7160



68.2627, 12.0437, -28.9321



68.2627, 30.5221, -2.8841

# Sweetspot

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



68.2627, -18.0352, 25.4711



94.1439, -11.2142, 15.0321



55.5524, 11.6083, 14.4340



43.5763, -5.5759, 7.5597



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053



# Same Dimension

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



68.2627, -18.0352, 25.4711



90.6035, -27.5825, 38.6040



65.8480, -27.1187, 23.2273



33.1564, -3.7800, 5.0280



53.1934, -27.2175, 32.3010



10.6679, -4.8395, 6.4888



# Inverse Universe

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



48.3908, 15.2260, -28.9062



58.5648, 26.6536, -50.7399



51.6416, 25.0511, -23.0177



30.5630, 0.4844, -1.8620



17.1405, 43.7756, -100.7204



3.8432, 9.1012, -17.0472



# Previews

## White Background



This preview shows how the HunterLab color 68.2612, -18.0334, 25.4704 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

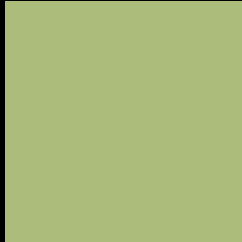
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 68.2612, -18.0334, 25.4704 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

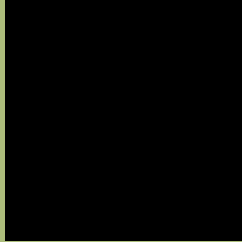
Any Text WCAG AA ✓ Pass

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 68.2612, -18.0334, 25.4704 Background



This preview shows how black text looks on a background with the HunterLab color 68.2612, -18.0334, 25.4704.



This preview shows how white text looks on a background with the HunterLab color 68.2612, -18.0334, 25.4704.

-18.0334, 25.4704.

# 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

68.2612, -18.0334, 25.4704

### Protanopia

68.0251, -6.3680, 26.3177

### Deuteranopia

68.1009, 4.5943, 24.8591



## Tritanopia

68.0891, -0.8844, -2.5025

# Trichromacy



## Original Color

68.2612, -18.0334, 25.4704

## Protanomaly

68.0829, -10.7841, 26.0106

## Deuteranomaly

67.8235, -3.8348, 24.7645

## Tritanomaly

67.9405, -7.5996, 9.4026

# Monochromacy



## Original Color

68.2612, -18.0334, 25.4704

## Achromatopsia

65.8903, -3.5157, 3.5799

## Achromatomaly

66.7803, -9.1755, 12.6686

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 68.2612, -18.0334, 25.4704 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, 189, 123)` looks like.

```
.text, #text, p{  
    color:rgb(172, 189, 123)  
}
```

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, 189, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 189, 123) }
```

## Border

The CSS property to change the border of an element to HunterLab 68.2612, -18.0334, 25.4704 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, 189, 123) }
```



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

```
.border{ border-color:rgb(172, 189, 123) }
```

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

Here you see how a box with a 4 pixel rgb(172, 189, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 189, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 189, 123);  
box-shadow:4px 4px 4px 4px rgb(172, 189,  
123) }
```

# Background

The CSS property to change the background color of an element to HunterLab 68.2612, -18.0334, 25.4704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 189, 123) }
```

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

```
.background{ background-color: rgb(172,  
189, 123) }
```

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](#).

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