

Converting Colors

HunterLab(67.3159, -5.1574,
16.6396)

Have a look what the booklet for
HunterLab(67.3159, -5.1574,
16.6396) contains.

HunterLab(67.2288, -4.9365, 16.6311)	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(67.2288, -4.9365,
16.6311)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB394
RGB	189, 179, 148
RGB Percent	74%, 70%, 58%
CMY	0.2588, 0.2980, 0.4196
CMYK	0.00, 0.05, 0.22, 0.26
HSL	45°, 24%, 66%
HSV	45°, 22%, 74%
XYZ	42.4517, 45.1971, 34.5034
YIQ	178.4560, 15.9110, -7.5210

Conversions

Conversions Part 2

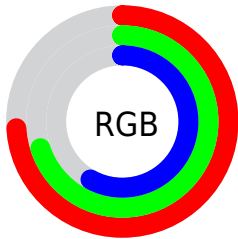
Format	Color
R _Y B	161, 189, 148
Decimal	12432276
CIE Lab	73.02, -1.52, 17.13
CIE LCh	73, 17.201, 95.060
Yxy	45.1991, 0.3475, 0.3700
Android (android.graphics.Color)	4290622356 (0xFFBDB394)
YUV	178.4560, -15.0148, 9.2471
Hunter-Lab	67.2288, -4.9365, 16.6311

Details

The HunterLab color $67.2288, -4.9365, 16.6311$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $58.6711, -0.3749, -12.5060$, and the grayscale version is $66.9708, -3.5734, 3.6386$.

A 20% lighter version of the original color is $91.2545, -6.3883, 19.8142$, and $45.7555, -3.5695, 13.4773$ is the 20% darker color. If you saturate the color by 10%, you get $65.4463, -4.9747, 21.3934$, and if you desaturate by 10%, it is $69.0837, -4.5921, 11.1532$.

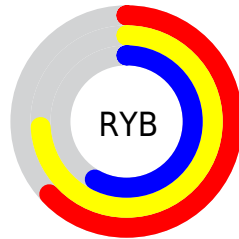
Distribution



Red (74%)

Green (70%)

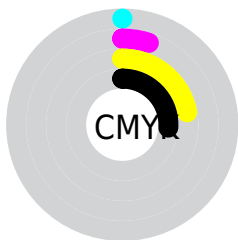
Blue (58%)



Red (63%)

Yellow (74%)

Blue (58%)

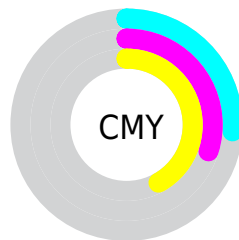


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (26%)



Cyan (26%)

Magenta (30%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.2288, -4.9365, 16.6311 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 67.2288, -4.9365, 16.6311 by changing the saturation by 10% instead.

■ 67.2288, -4.9365,
16.6311

■ 67.2288, -4.9365,
16.6311

191.7236,
-12.1551, 29.9244

■ 56.2266, -4.2722,
15.1046

■ 91.1149, -6.3590,
19.6226

■ 45.8989, -3.6368,
13.5424

■ 103.9342, -7.1111,
21.0994

■ 36.2947, -3.0337,
11.9297

117.3040, -7.8897,
22.5699

■ 27.4733, -2.4642,
10.2425

131.2025, -8.6942,
24.0376

■ 19.5115, -1.9299,
8.4425

145.6103, -9.5236,
25.5050

■ 12.5148, -1.4316,
6.9984

160.5100,

■ 5.7849, -1.4518,

-10.3773, 26.9742

4.0494

175.8859,
-11.2547, 28.4469

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.2288, -4.9365,
16.6311

■ 67.2288, -4.9365,
16.6311

■ 65.4463, -4.9747,
21.3934

■ 69.0837, -4.5921,
11.1532

■ 63.7334, -4.6939,
25.4131

■ 71.0045, -3.9449,
4.9856

■ 62.0927, -4.0922,
28.6736

■ 72.9907, -3.0076,
-1.8391

■ 60.5250, -3.1701,
31.1665

■ 75.0400, -1.7924,
-9.2880

■ 59.0303, -1.9333,

■ 77.1503, -0.3120,

32.8964

-17.3272

■ 57.6075, -0.3950,
33.8858

■ 79.0545, -0.0129,
-22.2419

■ 56.2539, 1.4215,
34.1838

■ 80.4716, -2.4216,
-20.1614

■ 55.1726, 3.0855,
34.0511

■ 81.9042, -4.8147,
-18.1013

■ 83.3519, -7.1924,
-16.0613

Harmonies

Analogous

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



67.2303, 3.0000, 15.5914



67.2288, -4.9365, 16.6311



67.2303, -12.1772, 14.5412

Triad

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



67.2303, -4.9385, 16.6320



67.2303, -15.6914, -5.2736



67.2303, 10.8907, -2.7884

Complementary

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



67.2288, -4.9365, 16.6311



58.6711, -0.3749, -12.5060

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.



67.2303, 5.4493, -9.4133



67.2288, -4.9365, 16.6311



67.2303, -9.9372, -10.9613

Square

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



67.2303, -4.9385, 16.6320



67.2303, -18.1978, 2.3597



67.2303, -2.2325, -12.5579



67.2303, 12.3806, 4.9339

Rectangle

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



67.2288, -4.9365, 16.6311



67.2303, -15.7086, 11.4913



67.2303, -2.2325, -12.5579



67.2303, 9.4510, -5.2450

Sweetspot

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



67.2303, -4.9385, 16.6320



93.6197, -5.7979, 11.2573



58.7166, 12.0668, 3.6139



43.3431, -2.7119, 5.4476



97.7295, -5.2146, 5.3098



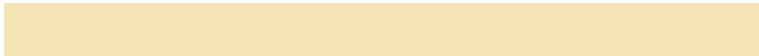
44.2712, -2.3622, 2.4053

Same Dimension

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



67.2303, -4.9385, 16.6320



88.8335, -6.6844, 25.3899



69.3452, -13.0473, 18.5468



32.7348, -2.1033, 4.6000



45.3930, 2.2886, 28.0110



9.5052, -0.4412, 5.8493

Inverse Universe

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



58.6711, -0.3749, -12.5060



74.9701, 0.7878, -21.9819



56.7001, 7.5772, -15.2725



30.9727, -1.1791, -1.3649



19.7318, 27.8062, -84.6887



5.0871, 2.4333, -11.6112

Previews

White Background



This preview shows how the HunterLab color 67.2288, -4.9365, 16.6311 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 67.2288, -4.9365, 16.6311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

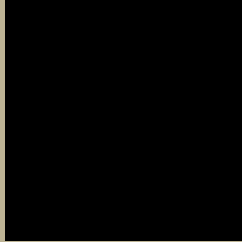
Any Text WCAG AA ✓ Pass

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 67.2288, -4.9365, 16.6311 Background



This preview shows how black text looks on a background with the HunterLab color 67.2288, -4.9365, 16.6311.



This preview shows how white text looks on a background with the HunterLab color 67.2288, -4.9365,

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

67.2288, -4.9365, 16.6311

Protanopia

67.2288, -4.9365, 16.6311

Deuteranopia

67.0376, 4.9267, 16.2468



Tritanopia

67.3270, 5.0727, 0.1739

Trichromacy



Original Color

67.2288, -4.9365, 16.6311

Protanomaly

67.2288, -4.9365, 16.6311

Deuteranomaly

67.1634, 0.9288, 16.3015

Tritanomaly

67.2862, 1.1138, 6.6440

Monochromacy



Original Color

67.2288, -4.9365, 16.6311

Achromatopsia

66.7234, -3.5602, 3.6252

Achromatomaly

66.7652, -4.0504, 8.6035

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.2288, -4.9365, 16.6311 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(189, 179, 148)` looks like.

```
.text, #text, p{  
    color:rgb(189, 179, 148)  
}
```

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(189, 179, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 179, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 67.2288, -4.9365, 16.6311 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(189, 179, 148) }
```


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

```
.border{ border-color:rgb(189, 179, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 179, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 179, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 179, 148);  
box-shadow:4px 4px 4px 4px rgb(189, 179,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.2288, -4.9365, 16.6311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 179, 148) }
```

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

```
.background{ background-color: rgb(189,  
179, 148) }
```

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