

Converting Colors

HunterLab(68.4565, -4.4409,
29.0375)

Have a look what the booklet for
HunterLab(68.4565, -4.4409,
29.0375) contains.

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Color

**HunterLab(68.5805, -4.7257,
29.1746)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB56F
RGB	204, 181, 111
RGB Percent	80%, 71%, 44%
CMY	0.2000, 0.2902, 0.5647
CMYK	0.00, 0.11, 0.46, 0.20
HSL	45°, 48%, 62%
HSV	45°, 46%, 80%
XYZ	44.2950, 47.0328, 21.7826
YIQ	179.8970, 36.1780, -16.8940

Conversions

Conversions Part 2

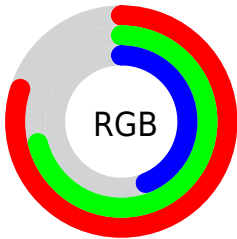
Format	Color
RYB	142, 204, 111
Decimal	13415791
CIELab	74.21, -1.19, 38.57
CIELCh	74, 38.583, 91.768
Yxy	47.0350, 0.3916, 0.4158
Android (android.graphics.Color)	4291605871 (0xFFCCB56F)
YUV	179.8970, -33.9662, 21.1383
Hunter-Lab	68.5805, -4.7257, 29.1746

Details

The HunterLab color $68.5805, -4.7257, 29.1746$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $49.7881, 6.0125, -37.2447$, and the grayscale version is $67.6432, -3.6093, 3.6752$.

A 20% lighter version of the original color is $91.9286, -8.9837, 33.8366$, and $46.9800, -3.2834, 23.3196$ is the 20% darker color. If you saturate the color by 10%, you get $66.7992, -3.8897, 32.3880$, and if you desaturate by 10%, it is $70.4455, -5.2132, 25.1240$.

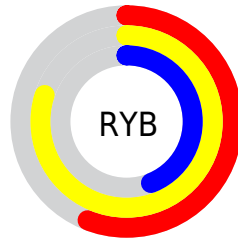
Distribution



Red (80%)

Green (71%)

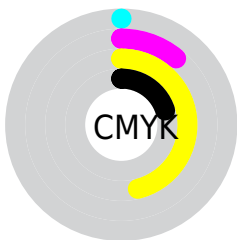
Blue (44%)



Red (56%)

Yellow (80%)

Blue (44%)

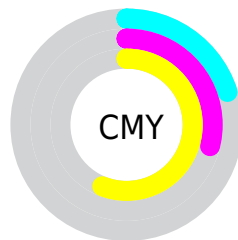


Cyan (0%)

Magenta (11%)

Yellow (46%)

Black (20%)



Cyan (20%)

Magenta (29%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.5805, -4.7257, 29.1746 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 68.5805, -4.7257, 29.1746 by changing the saturation by 10% instead.

68.5805, -4.7257,
29.1746

68.5805, -4.7257,
29.1746

193.6374,
-11.8502, 51.5487

57.5007, -4.0752,
26.3292

92.6099, -6.1244,
34.5541

47.0903, -3.4540,
23.3442

105.4959, -6.8652,
37.1240

37.3972, -2.8663,
20.1838

118.9297, -7.6331,
39.6323

28.4791, -2.3138,
16.8002

132.8898, -8.4272,
42.0894

20.4103, -1.7986,
13.6414

147.3570, -9.2466,
44.5034

13.2919, -1.3226,
9.3043

162.3141,

6.8287, -1.1242,

-10.0908, 46.8810

4.7801

177.7456,
-10.9588, 49.2279

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.5805, -4.7257,
29.1746

■ 68.5805, -4.7257,
29.1746

■ 66.7992, -3.8897,
32.3880

■ 70.4455, -5.2132,
25.1240

■ 65.0974, -2.7003,
34.7575

■ 72.3881, -5.3473,
20.2504

■ 63.4762, -1.1692,
36.2955

■ 74.4081, -5.1371,
14.5791

■ 61.9339, 0.6849,
37.0375

■ 76.5036, -4.5922,
8.1406


■ 60.4665, 2.8296,


■ 78.6721, -3.7241,


37.0552


0.9692

 59.8359, 3.8289,
36.9376

 80.9112, -2.5458,
-6.8988

 83.2185, -1.0712,
-15.4262

 84.8290, -3.4628,
-13.9142

 86.4112, -6.0882,
-11.7743

Harmonies

Analogous

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



68.5821, 13.5027, 26.8799



68.5805, -4.7257, 29.1746



68.5821, -20.9622, 26.2531

Triad

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



68.5821, -4.7282, 29.1753



68.5821, -30.6962, -15.9776



68.5821, 29.5983, -13.7537

Complementary

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



68.5805, -4.7257, 29.1746



49.7881, 6.0125, -37.2447

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.



68.5821, 15.5414, -30.6027



68.5805, -4.7257, 29.1746



68.5821, -19.2907, -32.1024

Square

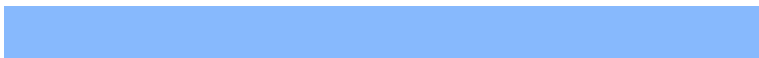
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.5821, -4.7282, 29.1753



68.5821, -34.9629, 2.7089



68.5821, -2.5913, -38.0403



68.5821, 34.5039, 4.7417

Rectangle

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



68.5805, -4.7257, 29.1746



68.5821, -28.8047, 21.1534



68.5821, -2.5913, -38.0403



68.5821, 25.7198, -19.9476

Sweetspot

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



68.5821, -4.7282, 29.1753



96.1286, -6.5382, 17.6566



50.9264, 33.2304, 5.5968



44.2053, -3.0756, 8.9605

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.5821, -4.7282, 29.1753



85.9346, -4.9887, 41.7265



73.5711, -23.3062, 32.8060



35.5085, -2.2697, 5.0103



47.6322, 2.7516, 29.3989



11.3376, -0.2731, 6.9814

Inverse Universe

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



49.7881, 6.0125, -37.2447



56.9899, 12.7197, -63.0865



45.6268, 23.6515, -45.7046



33.5963, -1.2883, -1.5045



20.8056, 29.2433, -89.1330



5.8896, 3.5305, -14.9827

Previews

White Background



This preview shows how the HunterLab color 68.5805, -4.7257, 29.1746 looks on a white background.

Color Contrast Check

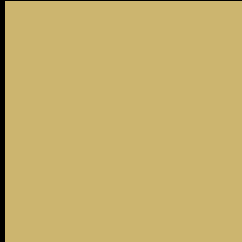
Large Text (above 18pt) WCAG AA × Fail

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 68.5805, -4.7257, 29.1746 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 68.5805, -4.7257, 29.1746 Background



This preview shows how black text looks on a background with the HunterLab color 68.5805, -4.7257, 29.1746.



This preview shows how white text looks on a background with the HunterLab color 68.5805, -4.7257,

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

68.5805, -4.7257, 29.1746

Protanopia

68.6869, -7.3871, 28.9632

Deuteranopia

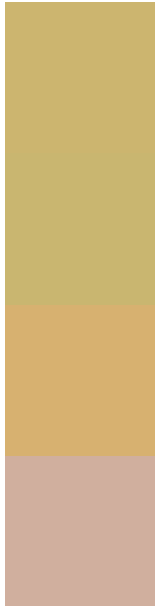
68.4208, 5.1741, 28.9677



Tritanopia

68.4520, 11.5663, 2.6267

Trichromacy



Original Color

68.5805, -4.7257, 29.1746

Protanomaly

68.5881, -6.1962, 28.9040

Deuteranomaly

68.6012, 1.3860, 29.0474

Tritanomaly

68.2191, 4.9401, 14.0090

Monochromacy



Original Color

68.5805, -4.7257, 29.1746

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

67.6963, -4.4967, 14.4758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.5805, -4.7257, 29.1746 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(204, 181, 111)` looks like.

```
.text, #text, p{  
    color:rgb(204, 181, 111)  
}
```

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(204, 181, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 181, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 68.5805, -4.7257, 29.1746 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(204, 181, 111) }
```


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

```
.border{ border-color:rgb(204, 181, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 181, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 181, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 181, 111);  
box-shadow:4px 4px 4px 4px rgb(204, 181,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.5805, -4.7257, 29.1746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 181, 111) }
```

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

```
.background{ background-color: rgb(204,  
181, 111) }
```

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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