

Converting Colors

HunterLab(68.6942, -1.1834,
16.6692)

Have a look what the booklet for
HunterLab(68.6942, -1.1834,
16.6692) contains.

HunterLab(68.6942, -1.1834, 16.6692)	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(68.6942, -1.1834,
16.6692)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B498
RGB	200, 180, 152
RGB Percent	78%, 71%, 60%
CMY	0.2157, 0.2941, 0.4039
CMYK	0.00, 0.10, 0.24, 0.22
HSL	35°, 30%, 69%
HSV	35°, 24%, 78%
XYZ	45.8082, 47.1889, 36.3999
YIQ	182.7880, 20.9080, -4.4680

Conversions

Conversions Part 2

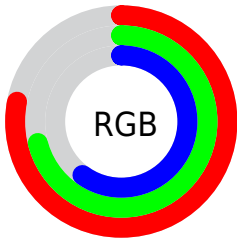
Format	Color
RYB	186, 200, 152
Decimal	13153432
CIELab	74.31, 2.75, 16.90
CIELCh	74, 17.124, 80.773
Yxy	47.1911, 0.3540, 0.3647
Android (android.graphics.Color)	4291343512 (0xFFC8B498)
YUV	182.7880, -15.1785, 15.0949
Hunter-Lab	68.6942, -1.1834, 16.6692

Details

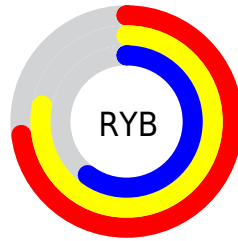
The HunterLab color $68.6942, -1.1834, 16.6692$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $63.5214, -4.0238, -11.9328$, and the grayscale version is $68.7815, -3.6700, 3.7370$.

A 20% lighter version of the original color is $92.5781, -3.1825, 19.5941$, and $47.1480, -0.0040, 13.5697$ is the 20% darker color. If you saturate the color by 10%, you get $65.8227, 0.5374, 20.9053$, and if you desaturate by 10%, it is $71.6719, -2.5900, 11.8308$.

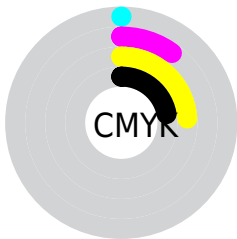
Distribution



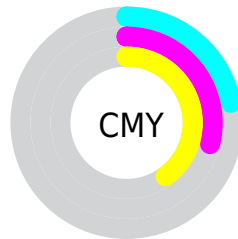
- Red (78%)
- Green (71%)
- Blue (60%)



- Red (73%)
- Yellow (78%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (24%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.6942, -1.1834, 16.6692 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 68.6942, -1.1834, 16.6692 by changing the saturation by 10% instead.

■ 68.6942, -1.1834,
16.6692

■ 68.6942, -1.1834,
16.6692

193.7980, -6.8541,
29.8657

■ 57.6079, -0.7328,
15.1598

■ 92.7355, -2.2118,
19.6324

■ 47.1906, -0.3248,
13.6173

■ 105.6271, -2.7802,
21.0970

■ 37.4901, 0.0343,
12.0281

119.0663, -3.3827,
22.5564

■ 28.5639, 0.3384,
10.3700

133.0315, -4.0175,
24.0138

■ 20.4862, 0.5796,
8.6075

147.5036, -4.6833,
25.4717

■ 13.3577, 0.7455,
6.9382

162.4656, -5.3787,

■ 6.9090, 1.3626,

26.9320

4.8363

177.9017, -6.1027,
28.3962

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.6942, -1.1834,
16.6692

■ 68.6942, -1.1834,
16.6692

■ 65.8227, 0.5374,
20.9053

■ 71.6719, -2.5900,
11.8308

■ 63.0597, 2.5948,
24.4892

■ 74.7445, -3.6937,
6.4337

■ 60.4138, 4.9987,
27.3770

■ 77.9074, -4.5154,
0.5236

■ 57.8921, 7.7556,
29.5294

■ 81.1549, -5.0738,
-5.8577

■ 55.5014, 10.8632,

■ 84.4818, -5.3874,

30.9191

-12.6715

■ 53.2476, 14.3069,
31.5397

■ 87.2297, -9.0720,
-10.7131

■ 51.1346, 18.0540,
31.4216

■ 89.9104, -13.3304,
-7.2186

■ 49.9285, 20.3938,
31.1227

■ 92.6348, -17.5420,
-3.7787

■ 95.4007, -21.7081,
-0.3917

Harmonies

Analogous

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



68.6958, 6.3304, 14.1352



68.6942, -1.1834, 16.6692



68.6958, -9.0395, 16.0608

Triad

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



68.6958, -1.1856, 16.6701



68.6958, -17.4664, -1.6550



68.6958, 8.6561, -6.1716

Complementary

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



68.6942, -1.1834, 16.6692



63.5214, -4.0238, -11.9328

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.



68.6958, 1.8715, -11.3954



68.6942, -1.1834, 16.6692



68.6958, -13.1275, -8.5877

Square

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



68.6958, -1.1856, 16.6701



68.6958, -18.2010, 6.0441



68.6958, -6.1179, -12.3269



68.6958, 12.1811, 1.3518

Rectangle

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



68.6942, -1.1834, 16.6692



68.6958, -13.4279, 13.9222



68.6958, -6.1179, -12.3269



68.6958, 6.6668, -8.2892

Sweetspot

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



68.6958, -1.1856, 16.6701



97.0826, -4.4508, 10.7426



61.4126, 16.0415, 0.4416



44.7998, -2.0197, 5.1744

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.6958, -1.1856, 16.6701



88.3254, -0.3854, 25.0557



74.3718, -12.3365, 21.9293



34.1287, -1.4647, 4.3915



40.0383, 15.7839, 24.9478



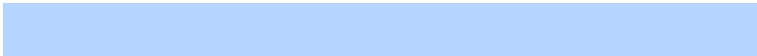
9.4854, 1.8830, 5.8778

Inverse Universe

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



63.5214, -4.0238, -11.9328



80.0405, -4.8692, -20.8453



58.0476, 7.1647, -19.9193



33.1683, -2.0019, -0.9001



26.0462, 14.0081, -62.7950



6.8087, 0.7444, -10.1172

Previews

White Background



This preview shows how the HunterLab color 68.6942, -1.1834, 16.6692 looks on a white background.

Color Contrast Check

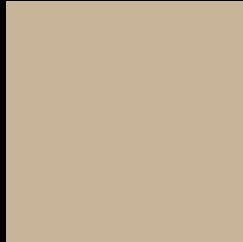
Large Text (above 18pt) WCAG AA × Fail

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 68.6942, -1.1834, 16.6692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

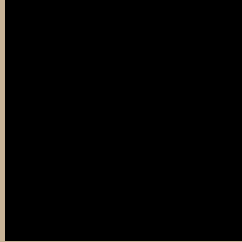
Any Text WCAG AA ✓ Pass

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 68.6942, -1.1834, 16.6692 Background



This preview shows how black text looks on a background with the HunterLab color 68.6942, -1.1834, 16.6692.



This preview shows how white text looks on a background with the HunterLab color 68.6942, -1.1834,

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

68.6942, -1.1834, 16.6692

Protanopia

68.6245, -4.4214, 16.1710

Deuteranopia

68.7019, 4.8458, 16.4102



Tritanopia

68.6815, 8.2403, 0.9045

Trichromacy



Original Color

68.6942, -1.1834, 16.6692

Protanomaly

68.6174, -2.9178, 16.1902

Deuteranomaly

68.5635, 2.9060, 16.2386

Tritanomaly

68.7571, 4.7737, 7.0326

Monochromacy



Original Color

68.6942, -1.1834, 16.6692

Achromatopsia

68.8136, -3.6717, 3.7388

Achromatomaly

68.7410, -3.0281, 8.6412

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.6942, -1.1834, 16.6692 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(200, 180, 152)` looks like.

```
.text, #text, p{  
    color:rgb(200, 180, 152)  
}
```

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(200, 180, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 180, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 68.6942, -1.1834, 16.6692 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(200, 180, 152) }
```


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

```
.border{ border-color:rgb(200, 180, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 180, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 180, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 180, 152);  
box-shadow:4px 4px 4px 4px rgb(200, 180,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.6942, -1.1834, 16.6692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 180, 152) }
```

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

```
.background{ background-color: rgb(200,  
180, 152) }
```

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