

Converting Colors

HunterLab(67.5223, 13.4664,
27.2531)

Have a look what the booklet for
HunterLab(67.5223, 13.4664,
27.2531) contains.

HunterLab(67.4702, 13.5293, 27.2920)	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(67.4702, 13.5293,
27.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A674
RGB	231, 166, 116
RGB Percent	91%, 65%, 45%
CMY	0.0941, 0.3490, 0.5451
CMYK	0.00, 0.28, 0.50, 0.09
HSL	26°, 71%, 68%
HSV	26°, 50%, 91%
XYZ	49.7435, 45.5223, 22.6879
YIQ	179.7350, 54.7900, -1.7700

Conversions

Conversions Part 2

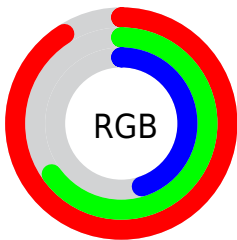
Format	Color
R _Y B	231, 204, 116
Decimal	15181428
CIE Lab	73.24, 18.30, 35.28
CIE LCh	73, 39.748, 62.584
Yxy	45.5245, 0.4217, 0.3859
Android (android.graphics.Color)	4293371508 (0xFFE7A674)
YUV	179.7350, -31.4214, 44.9594
Hunter-Lab	67.4702, 13.5293, 27.2920

Details

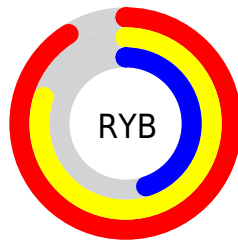
The HunterLab color **67.4702, 13.5293, 27.2920** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65.2137, -9.7037, -28.7192**, and the grayscale version is **67.5597, -3.6048, 3.6706**.

A 20% lighter version of the original color is **87.0847, -0.1898, 28.1021**, and **46.1780, 12.9803, 21.8639** is the 20% darker color. If you saturate the color by 10%, you get **63.6740, 18.3918, 29.9359**, and if you desaturate by 10%, it is **71.4988, 9.0787, 23.9287**.

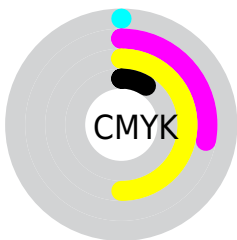
Distribution



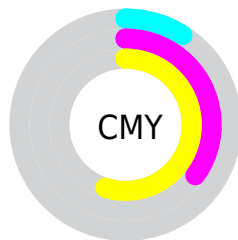
- Red (91%)
- Green (65%)
- Blue (45%)



- Red (91%)
- Yellow (80%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (50%)
- Black (9%)





- Cyan (9%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.4702, 13.5293, 27.2920 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 67.4702, 13.5293, 27.2920 by changing the saturation by 10% instead.


 67.4702, 13.5293,
27.2920


 67.4702, 13.5293,
27.2920


192.0661, 13.4522,
48.2608

 56.4542, 13.2219,
24.6459


 91.3821, 13.9097,
32.3064

 46.1116, 12.8308,
21.8728


 104.2134, 14.0025,
34.7076

 36.4914, 12.3410,
18.9384


 117.5947, 14.0364,
37.0553

 27.6526, 11.7372,
15.7946

131.5043, 14.0158,
39.3587

 19.6716, 10.9991,
12.7632

145.9228, 13.9441,
41.6254

 12.6528, 10.1011,
8.8570

160.8328, 13.8245,

 5.9853, 13.0044,

43.8614

4.1897

176.2186, 13.6597,
46.0718

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.4702, 13.5293,
27.2920

■ 67.4702, 13.5293,
27.2920

■ 63.6740, 18.3918,
29.9359

■ 71.4988, 9.0787,
23.9287

■ 60.1283, 23.6651,
31.7838

■ 75.7333, 5.0415,
19.9205

■ 56.8587, 29.3074,
32.7776

■ 80.1558, 1.3952,
15.3418

■ 53.8881, 35.2403,
32.8955


■ 84.7489, -1.8859,
10.2594


■ 51.2297, 41.3059,


■ 89.4970, -4.8303,

32.2739

4.7325

 51.1751, 41.4360,
32.2593

 94.3867, -7.4668,
-1.1878

 97.8411, -12.9294,
2.7323

Harmonies

Analogous

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



67.4718, 28.9775, 19.4410



67.4702, 13.5293, 27.2920



67.4718, -5.1965, 29.4421

Triad

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



67.4718, 13.5261, 27.2929



67.4718, -35.5217, 2.1326



67.4718, 16.5913, -31.4135

Complementary

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



67.4702, 13.5293, 27.2920



65.2137, -9.7037, -28.7192

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.



67.4718, -1.9961, -39.5040



67.4702, 13.5293, 27.2920



67.4718, -30.9777, -17.1545

Square

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



67.4718, 13.5261, 27.2929



67.4718, -32.3046, 17.4409



67.4718, -19.1787, -33.6923



67.4718, 30.8766, -13.7935

Rectangle

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



67.4702, 13.5293, 27.2920



67.4718, -16.6989, 27.9986



67.4718, -19.1787, -33.6923



67.4718, 10.5732, -35.5234

Sweetspot

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



67.4718, 13.5261, 27.2929



92.0604, -0.2139, 14.5552



57.2914, 47.9144, -9.1927



42.0899, 0.2661, 7.2846

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.4718, 13.5261, 27.2929



71.0073, 20.8826, 33.6238



84.3821, -15.2796, 40.1183



39.2349, -0.9190, 4.6596



38.6248, 30.2519, 24.3300



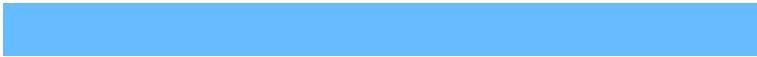
11.3331, 6.2423, 7.0927

Inverse Universe

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



65.2137, -9.7037, -28.7192



67.9800, -9.6974, -40.7947



48.8005, 19.9151, -61.4320



39.0283, -3.1013, -0.5309



35.3823, 2.2948, -49.1786



10.5315, -0.9285, -11.1590

Previews

White Background



This preview shows how the HunterLab color 67.4702, 13.5293, 27.2920 looks on a white background.

Color Contrast Check

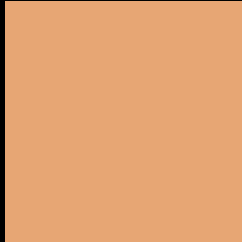
Large Text (above 18pt) WCAG AA × Fail

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 67.4702, 13.5293, 27.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

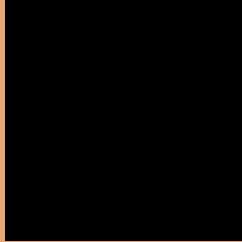
Any Text WCAG AA ✓ Pass

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 67.4702, 13.5293, 27.2920 Background



This preview shows how black text looks on a background with the HunterLab color 67.4702, 13.5293, 27.2920.



This preview shows how white text looks on a background with the HunterLab color 67.4702, 13.5293, 27.2920.

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

67.4702, 13.5293, 27.2920

Protanopia

67.5646, -6.3799, 25.3639

Deuteranopia

67.4497, 4.9218, 27.3908



Tritanopia

67.5051, 25.5566, 8.2044

Trichromacy



Original Color

67.4702, 13.5293, 27.2920

Protanomaly

67.3987, 0.5227, 25.9085

Deuteranomaly

67.4662, 7.8555, 27.4559

Tritanomaly

67.5037, 20.5302, 16.2392

Monochromacy



Original Color

67.4702, 13.5293, 27.2920

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

67.2580, 1.6443, 13.3535

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.4702, 13.5293, 27.2920 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(231, 166, 116)` looks like.

```
.text, #text, p{  
    color:rgb(231, 166, 116)  
}
```

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(231, 166, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 166, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 67.4702, 13.5293, 27.2920 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(231, 166, 116) }
```


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

```
.border{ border-color:rgb(231, 166, 116) }
```

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

Here you see how a box with a 4 pixel rgb(231, 166, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 166, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 166, 116);  
box-shadow:4px 4px 4px 4px rgb(231, 166,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.4702, 13.5293, 27.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 166, 116) }
```

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

```
.background{ background-color: rgb(231,  
166, 116) }
```

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