

Converting Colors

HunterLab(67.5935, 11.8334,
37.5238)

Have a look what the booklet for
HunterLab(67.5935, 11.8334,
37.5238) contains.

HunterLab(67.7141, 11.6305, 37.5498)	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(67.7141, 11.6305,
37.5498)**

Conversions

Conversions Part 1

Format	Color
Hex	ECA741
RGB	236, 167, 65
RGB Percent	93%, 65%, 25%
CMY	0.0745, 0.3451, 0.7451
CMYK	0.00, 0.29, 0.72, 0.07
HSL	36°, 82%, 59%
HSV	36°, 72%, 93%
XYZ	49.3650, 45.8520, 11.2496
YIQ	176.0030, 73.8660, -17.0940

Conversions

Conversions Part 2

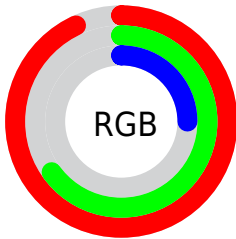
Format	Color
RYB	181, 236, 65
Decimal	15509313
CIELab	73.45, 16.35, 60.38
CIELCh	73, 62.550, 74.848
Yxy	45.8543, 0.4637, 0.4307
Android (android.graphics.Color)	4293699393 (0xFFECA741)
YUV	176.0030, -54.7245, 52.6174
Hunter-Lab	67.7141, 11.6305, 37.5498

Details

The HunterLab color **67.7141, 11.6305, 37.5498** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **49.2232, 7.5823, -65.1220**, and the grayscale version is **66.0918, -3.5265, 3.5909**.

A 20% lighter version of the original color is **86.4931, -5.5977, 41.4497**, and **46.2336, 11.0174, 28.6818** is the 20% darker color. If you saturate the color by 10%, you get **65.0184, 15.6302, 38.3908**, and if you desaturate by 10%, it is **70.5732, 8.0392, 35.7606**.

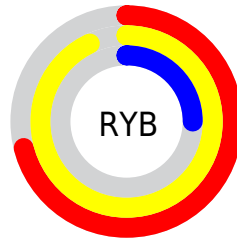
Distribution



Red (93%)

Green (65%)

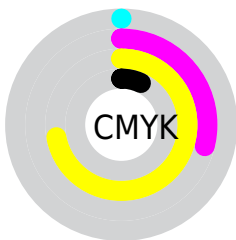
Blue (25%)



Red (71%)

Yellow (93%)

Blue (25%)

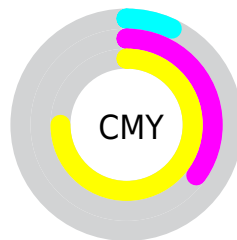


Cyan (0%)

Magenta (29%)

Yellow (72%)

Black (7%)



Cyan (7%)

Magenta (35%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.7141, 11.6305, 37.5498 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 67.7141, 11.6305, 37.5498 by changing the saturation by 10% instead.

67.7141, 11.6305,
37.5498

67.7141, 11.6305,
37.5498

192.4117, 10.8646,
69.9240

56.6841, 11.4146,
33.2783

91.6520, 11.8383,
45.5475

46.3265, 11.1200,
28.7839

104.4954, 11.8500,
49.3233

36.6902, 10.7317,
24.0390

117.8883, 11.8056,
52.9779

27.8339, 10.2350,
19.4837

131.8090, 11.7092,
56.5279

19.8334, 9.6099,
13.8834

146.2382, 11.5642,
59.9869

12.7927, 8.8294,
8.9549

161.1586, 11.3734,

6.1809, 11.1965,

63.3663

4.3266

176.5545, 11.1395,
66.6759

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.7141, 11.6305,
37.5498

■ 67.7141, 11.6305,
37.5498

■ 65.0184, 15.6302,
38.3908

■ 70.5732, 8.0392,
35.7606

■ 62.4851, 20.0116,
38.3183

■ 73.5842, 4.8827,
33.0283


■ 60.6774, 23.5010,
37.8005


■ 76.7412, 2.1589,
29.3861

■ 80.0362, -0.1405,
24.8807


■ 83.4612, -2.0306,

19.5663

 87.0082, -3.5308,
13.4995

 90.6697, -4.6626,
6.7370

 94.4386, -5.4487,
-0.6667

 97.5280, -10.2091,
2.4029

Harmonies

Analogous

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



67.7158, 40.7600, 31.4905



67.7141, 11.6305, 37.5498



67.7158, -17.3573, 37.5776

Triad

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



67.7158, 11.6270, 37.5505



67.7158, -49.6317, -11.4094



67.7158, 40.4986, -45.9077

Complementary

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



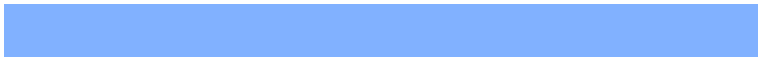
67.7141, 11.6305, 37.5498



49.2232, 7.5823, -65.1220

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.



67.7158, 11.3150, -70.5176



67.7141, 11.6305, 37.5498



67.7158, -38.8743, -45.5763

Square

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



67.7158, 11.6270, 37.5505



67.7158, -49.5769, 16.1672



67.7158, -17.6210, -70.3758



67.7158, 59.2458, -11.7432

Rectangle

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



67.7141, 11.6305, 37.5498



67.7158, -32.6958, 34.4201



67.7158, -17.6210, -70.3758



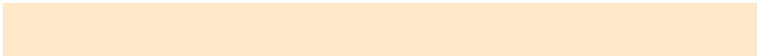
67.7158, 31.3854, -56.1067

Sweetspot

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



67.7158, 11.6270, 37.5505



91.2676, -2.2841, 21.1370



48.3720, 66.4393, 2.3047



41.7466, -0.8186, 10.5526

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.7158, 11.6270, 37.5505



69.6115, 19.3668, 41.9984



87.0990, -27.4162, 49.7854



40.6796, -1.8042, 5.3317



45.3377, 16.8446, 28.2318



13.4234, 3.2677, 8.3286

Inverse Universe

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



49.2232, 7.5823, -65.1220



46.5057, 17.3460, -91.6548



33.9268, 47.3085, -116.9486



39.4292, -2.3165, -1.1906



28.4778, 17.4289, -73.2187



9.0610, 2.5582, -16.8478

Previews

White Background



This preview shows how the HunterLab color 67.7141, 11.6305, 37.5498 looks on a white background.

Color Contrast Check

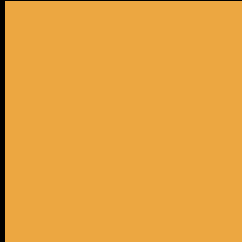
Large Text (above 18pt) WCAG AA × Fail

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 67.7141, 11.6305, 37.5498 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 67.7141, 11.6305, 37.5498 Background



This preview shows how black text looks on a background with the HunterLab color 67.7141, 11.6305, 37.5498.



This preview shows how white text looks on a background with the HunterLab color 67.7141, 11.6305,

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

67.7141, 11.6305, 37.5498

Protanopia

67.8483, -8.3561, 36.7415

Deuteranopia

67.8557, 5.0003, 37.6617



Tritanopia

67.8202, 28.9334, 9.9107

Trichromacy



Original Color

67.7141, 11.6305, 37.5498

Protanomaly

67.6492, -1.4949, 36.8659

Deuteranomaly

67.7810, 7.6147, 37.6568

Tritanomaly

67.5675, 21.1826, 23.1635

Monochromacy



Original Color

67.7141, 11.6305, 37.5498

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

66.0836, -0.3727, 19.8159

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.7141, 11.6305, 37.5498 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(236, 167, 65)` looks like.

```
.text, #text, p{  
    color:rgb(236, 167, 65)  
}
```

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(236, 167, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 167, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 67.7141, 11.6305, 37.5498 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(236, 167, 65) }
```


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

```
.border{ border-color:rgb(236, 167, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 167, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 167, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 167, 65);  
box-shadow:4px 4px 4px 4px rgb(236, 167,  
65) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.7141, 11.6305, 37.5498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 167, 65) }
```

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

```
.background{ background-color: rgb(236,  
167, 65) }
```

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