

Converting Colors

HunterLab(66.1547, -46.8861,
30.4348)

Have a look what the booklet for
HunterLab(66.1547, -46.8861,
30.4348) contains.

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Color

**HunterLab(66.3309,
-47.0410, 30.5837)**

Conversions

Conversions Part 1

Format	Color
Hex	49C95E
RGB	73, 201, 94
RGB Percent	29%, 79%, 37%
CMY	0.7137, 0.2118, 0.6314
CMYK	0.64, 0.00, 0.53, 0.21
HSL	130°, 54%, 54%
HSV	130°, 64%, 79%
XYZ	25.6547, 43.9979, 17.7299
YIQ	150.5300, -41.9410, -60.4130

Conversions

Conversions Part 2

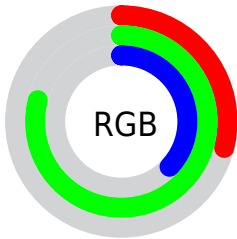
Format	Color
RYB	73, 183, 201
Decimal	4835678
CIELab	72.23, -57.16, 42.90
CIELCh	72, 71.468, 143.109
Yxy	43.9997, 0.2936, 0.5035
Android (android.graphics.Color)	4283025758 (0xFF49C95E)
YUV	150.5300, -27.8693, -67.9938
Hunter-Lab	66.3309, -47.0410, 30.5837

Details

The HunterLab color **66.3309, -47.0410, 30.5837** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **45.2533, 57.7167, -27.6797**, and the grayscale version is **55.5623, -2.9647, 3.0188**.

A 20% lighter version of the original color is **88.7102, -52.9078, 35.2874**, and **45.5326, -37.6767, 24.4213** is the 20% darker color. If you saturate the color by 10%, you get **65.6261, -50.3906, 33.1795**, and if you desaturate by 10%, it is **67.2688, -42.7035, 27.4974**.

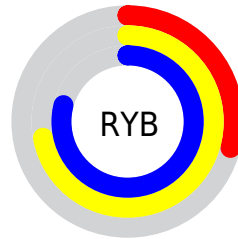
Distribution



Red (29%)

Green (79%)

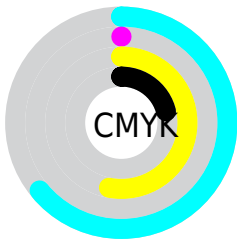
Blue (37%)



Red (29%)

Yellow (72%)

Blue (79%)

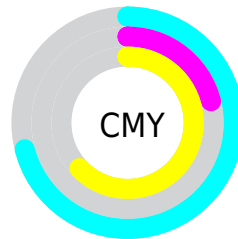


Cyan (64%)

Magenta (0%)

Yellow (53%)

Black (21%)



Cyan (71%)


Magenta (21%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.3309, -47.0410, 30.5837 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 66.3309, -47.0410, 30.5837 by changing the saturation by 10% instead.


 66.3309, -47.0410,
30.5837


 66.3309, -47.0410,
30.5837


190.4487,
-77.0609, 55.0069


 55.3808, -43.0976,
27.4295


 90.1206, -54.4102,
36.5147

 45.1087, -38.9215,
24.1092


 102.8952,
-57.8943, 39.3339

 35.5643, -34.4476,
20.5832


 116.2221,
-61.2738, 42.0772

 26.8081, -29.5788,
16.8074

 130.0794,
-64.5644, 44.7567

 18.9187, -24.1655,
13.2431

144.4474,
-67.7789, 47.3820

 12.0044, -21.0077,
8.4031

159.3086,

 4.9668, -8.6918,

-70.9277, 49.9612

3.4767

174.6472,
-74.0193, 52.5009

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3309, -47.0410,
30.5837

■ 66.3309, -47.0410,
30.5837

■ 65.6261, -50.3906,
33.1795

■ 67.2688, -42.7035,
27.4974

■ 65.1349, -52.7790,
35.2701

■ 68.4451, -37.3838,
23.9477

■ 64.8360, -54.2821,
36.8586


■ 69.8658, -31.1228,
19.9749

■ 64.7184, -54.8909,
37.6015


■ 71.5313, -23.9851,
15.6278


■ 73.4382, -16.0523,

10.9598

 75.5803, -7.4159,
6.0255

 77.9493, 1.8295,
0.8777

 80.5352, 11.5914,
-4.4345

 83.3271, 21.7830,
-9.8677

Harmonies

Analogous

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



66.3323, -26.6532, 38.5904



66.3309, -47.0410, 30.5837



66.3323, -55.5108, 10.4516

Triad

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



66.3323, -47.0419, 30.5841



66.3323, -10.9849, -88.6020



66.3323, 65.4811, 23.1996

Complementary

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



66.3309, -47.0410, 30.5837



45.2533, 57.7167, -27.6797

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.



66.3323, 71.9286, -4.0467



66.3309, -47.0410, 30.5837



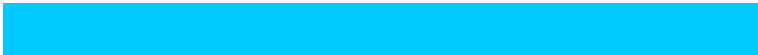
66.3323, 23.2409, -79.3452

Square

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



66.3323, -47.0419, 30.5841



66.3323, -37.4947, -65.0702



66.3323, 55.2098, -43.7992



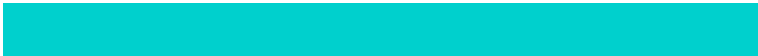
66.3323, 39.0023, 36.0156

Rectangle

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



66.3309, -47.0410, 30.5837



66.3323, -54.7165, -11.5888



66.3323, 55.2098, -43.7992



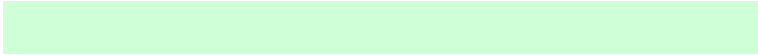
66.3323, 70.2510, 15.8928

Sweetspot

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



66.3323, -47.0419, 30.5841



94.6579, -26.9214, 17.7988



72.2338, -24.2642, 38.9113



43.4668, -13.8213, 9.0438

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.3323, -47.0419, 30.5841



85.6205, -67.1275, 44.4130



67.5268, -39.7868, 13.2181



34.5193, -5.7650, 4.1166



51.3260, -43.4688, 29.6836



11.2094, -9.2032, 5.8564

Inverse Universe

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



45.2533, 57.7167, -27.6797



54.7335, 87.7147, -40.5172



42.9960, 48.1795, 3.7875



32.8414, 2.3446, -0.5024



30.9795, 58.8300, -24.7616



6.8017, 13.0144, -6.1964

Previews

White Background



This preview shows how the HunterLab color 66.3309, -47.0410, 30.5837 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 66.3309, -47.0410, 30.5837 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 66.3309, -47.0410, 30.5837 Background



This preview shows how black text looks on a background with the HunterLab color 66.3309, -47.0410, 30.5837.



This preview shows how white text looks on a background with the HunterLab color 66.3309, -47.0410, 30.5837.

-47.0410, 30.5837.

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

66.3309, -47.0410, 30.5837

Protanopia

65.7205, -7.8543, 32.4165

Deuteranopia

65.7881, 4.7491, 29.0569



Tritanopia

66.1044, -21.6980, -10.8845

Trichromacy



Original Color

66.3309, -47.0410, 30.5837



Protanomaly

64.7327, -25.7875, 30.7800



Deuteranomaly

64.3033, -18.9112, 28.1757



Tritanomaly

65.6867, -32.6539, 8.2025

Monochromacy



Original Color

66.3309, -47.0410, 30.5837



Achromatopsia

55.6299, -2.9683, 3.0225



Achromatomaly

58.4796, -21.8012, 14.2414

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.3309, -47.0410, 30.5837 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(73, 201, 94)` looks like.

```
.text, #text, p{  
    color:rgb(73, 201, 94)  
}
```

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(73, 201, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 201, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 66.3309, -47.0410, 30.5837 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(73, 201, 94) }
```


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

```
.border{ border-color:rgb(73, 201, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 201, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 201, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 201, 94);  
box-shadow:4px 4px 4px 4px rgb(73, 201,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.3309, -47.0410, 30.5837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 201, 94) }
```

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

```
.background{ background-color: rgb(73, 201,  
94) }
```

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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