

Converting Colors

HunterLab(66.8017, -29.8367,
34.4089)

Have a look what the booklet for
HunterLab(66.8017, -29.8367,
34.4089) contains.

HunterLab(66.8017, -29.8367, 34.4089)	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(66.8017,
-29.8367, 34.4089)**

Conversions

Conversions Part 1

Format	Color
Hex	95C04D
RGB	149, 192, 77
RGB Percent	58%, 75%, 30%
CMY	0.4157, 0.2470, 0.6980
CMYK	0.22, 0.00, 0.60, 0.25
HSL	82°, 48%, 53%
HSV	82°, 60%, 75%
XYZ	32.5836, 44.6247, 13.9173
YIQ	166.0330, 11.2870, -44.8810

Conversions

Conversions Part 2

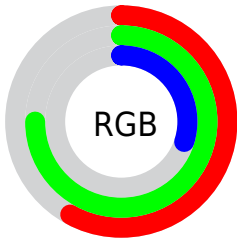
Format	Color
RYB	77, 192, 120
Decimal	9814093
CIELab	72.65, -32.15, 52.09
CIELCh	73, 61.212, 121.684
Yxy	44.6266, 0.3576, 0.4897
Android (android.graphics.Color)	4288004173 (0xFF95C04D)
YUV	166.0330, -43.8933, -14.9379
Hunter-Lab	66.8017, -29.8367, 34.4089

Details

The HunterLab color $66.8017, -29.8367, 34.4089$ is a dark color, and the websafe version is hex $99CC66$. The color can be described as middle muted chartreuse. A complement of this color would be $36.2047, 34.8328, -58.7525$, and the grayscale version is $61.9381, -3.3049, 3.3652$.

A 20% lighter version of the original color is $90.7426, -34.7112, 41.5086$, and $45.4577, -24.7999, 26.6513$ is the 20% darker color. If you saturate the color by 10%, you get $66.1359, -32.7878, 36.6135$, and if you desaturate by 10%, it is $67.5540, -26.4871, 31.4069$.

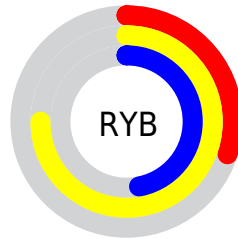
Distribution



Red (58%)

Green (75%)

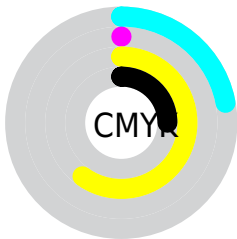
Blue (30%)



Red (30%)

Yellow (75%)

Blue (47%)

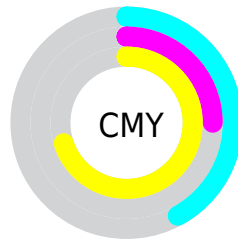


Cyan (22%)

Magenta (0%)

Yellow (60%)

Black (25%)



Cyan (42%)

Magenta (25%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.8017, -29.8367, 34.4089 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 66.8017, -29.8367, 34.4089 by changing the saturation by 10% instead.

■ 66.8017, -29.8367,
34.4089

■ 66.8017, -29.8367,
34.4089

191.1176,
-49.1508, 63.0094

■ 55.8242, -27.4548,
30.6592

■ 90.6421, -34.3902,
41.4328

■ 45.5229, -24.9715,
26.7080

■ 103.4402,
-36.5868, 44.7555

■ 35.9471, -22.3564,
22.5180

■ 116.7896,
-38.7441, 47.9775

■ 27.1566, -19.5608,
18.3691

■ 130.6686,
-40.8692, 51.1134

■ 19.2291, -16.5060,
13.4604

■ 145.0575,
-42.9680, 54.1753

■ 12.2714, -13.5369,
8.5900

159.9389,

■ 5.4116, -9.4704,

-45.0454, 57.1733

3.7882

175.2971,
-47.1053, 60.1156

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.8017, -29.8367,
34.4089

■ 66.8017, -29.8367,
34.4089

■ 66.1359, -32.7878,
36.6135

■ 67.5540, -26.4871,
31.4069

■ 65.5486, -35.3457,
38.0668

■ 68.3907, -22.7314,
27.5768

■ 65.0362, -37.5329,
38.8397

■ 69.3150, -18.5753,
22.9045

■ 64.5870, -39.4121,
39.1029

■ 70.3276, -14.0280,
17.3879

■ 64.5825, -39.4310,

■ 71.4286, -9.1029,

39.1051

11.0357

■ 72.6175, -3.8167,
3.8653

■ 73.8935, 1.8114,
-4.0986

■ 75.2552, 7.7607,
-12.8259

■ 76.7009, 14.0092,
-22.2819

Harmonies

Analogous

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



66.8032, -5.1616, 37.4625



66.8017, -29.8367, 34.4089



66.8032, -45.0762, 23.8408

Triad

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



66.8032, -29.8384, 34.4094



66.8032, -27.4914, -59.9543



66.8032, 60.0633, 5.1415

Complementary

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



66.8017, -29.8367, 34.4089



36.2047, 34.8328, -58.7525

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.



66.8032, 51.4661, -25.9065



66.8017, -29.8367, 34.4089



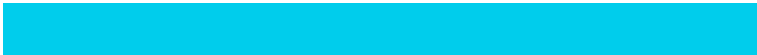
66.8032, -1.9593, -71.6596

Square

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



66.8032, -29.8384, 34.4094



66.8032, -43.8883, -29.7065



66.8032, 27.5171, -57.1919



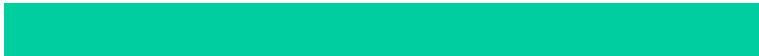
66.8032, 49.3901, 25.5286

Rectangle

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



66.8017, -29.8367, 34.4089



66.8032, -49.3737, 10.7045



66.8032, 27.5171, -57.1919



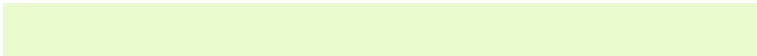
66.8032, 59.3253, -4.3001

Sweetspot

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



66.8032, -29.8384, 34.4094



94.8946, -17.8510, 22.1066



49.9772, 18.6037, 22.7911



43.7593, -9.1366, 11.3282



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



66.8032, -29.8384, 34.4094



88.7531, -45.3129, 50.0283



63.6630, -42.3306, 31.9483



34.0060, -4.2032, 5.0812



53.0187, -32.1708, 32.1067



11.1929, -5.9987, 6.7920

Inverse Universe

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



36.2047, 34.8328, -58.7525



40.7587, 59.1208, -105.2931



42.9217, 50.5875, -41.5568



31.5077, 0.8132, -1.8062



18.7720, 45.7892, -93.6173



4.3783, 10.0251, -16.7604

Previews

White Background



This preview shows how the HunterLab color 66.8017, -29.8367, 34.4089 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 66.8017, -29.8367, 34.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

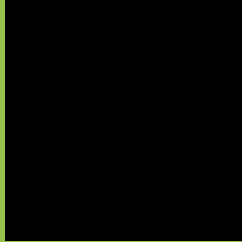
Any Text WCAG AA ✓ Pass

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 66.8017, -29.8367, 34.4089 Background



This preview shows how black text looks on a background with the HunterLab color 66.8017, -29.8367, 34.4089.



This preview shows how white text looks on a background with the HunterLab color 66.8017,

-29.8367, 34.4089.

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

66.8017, -29.8367, 34.4089

Protanopia

66.5790, -8.1684, 35.2694

Deuteranopia

66.3898, 4.8121, 33.5028



Tritanopia

66.6559, -5.8652, -4.4285

Trichromacy



Original Color

66.8017, -29.8367, 34.4089

Protanomaly

66.3812, -16.6954, 34.8250

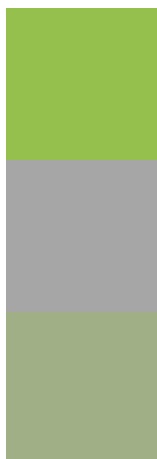
Deuteranomaly

65.9604, -8.6574, 33.4956

Tritanomaly

66.2467, -16.1703, 14.3342

Monochromacy



Original Color

66.8017, -29.8367, 34.4089

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

63.1306, -13.9763, 17.4740

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.8017, -29.8367, 34.4089 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(149, 192, 77)` looks like.

```
.text, #text, p{  
    color:rgb(149, 192, 77)  
}
```

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(149, 192, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 192, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 66.8017, -29.8367, 34.4089 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(149, 192, 77) }
```


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

```
.border{ border-color:rgb(149, 192, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 192, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 192, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 192, 77);  
box-shadow:4px 4px 4px 4px rgb(149, 192,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.8017, -29.8367, 34.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 192, 77) }
```

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

```
.background{ background-color: rgb(149,  
192, 77) }
```

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