

Converting Colors

HunterLab(68.1225, -44.7083,
29.1125)

Have a look what the booklet for
HunterLab(68.1225, -44.7083,
29.1125) contains.

HunterLab(68.1329, -44.6625, 29.0967)	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(68.1329,
-44.6625, 29.0967)**

Conversions

Conversions Part 1

Format	Color
Hex	5ACC6B
RGB	90, 204, 107
RGB Percent	35%, 80%, 42%
CMY	0.6471, 0.2000, 0.5804
CMYK	0.56, 0.00, 0.48, 0.20
HSL	129°, 53%, 58%
HSV	129°, 56%, 80%
XYZ	28.4632, 46.4209, 21.3699
YIQ	158.8560, -36.8070, -54.3350

Conversions

Conversions Part 2

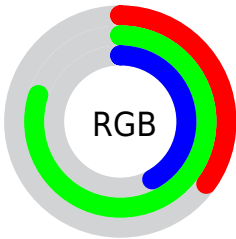
Format	Color
RYB	90, 189, 204
Decimal	5950571
CIELab	73.82, -52.63, 38.63
CIELCh	74, 65.285, 143.721
Yxy	46.4228, 0.2957, 0.4823
Android (android.graphics.Color)	4284140651 (0xFF5ACC6B)
YUV	158.8560, -25.5650, -60.3867
Hunter-Lab	68.1329, -44.6625, 29.0967

Details

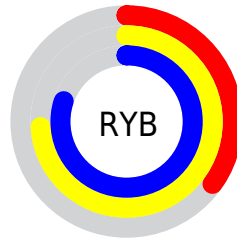
The HunterLab color **68.1329, -44.6625, 29.0967** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **48.7221, 52.2292, -26.2760**, and the grayscale version is **58.9359, -3.1447, 3.2021**.

A 20% lighter version of the original color is **89.6926, -48.5007, 32.4345**, and **46.7979, -37.2707, 23.2800** is the 20% darker color. If you saturate the color by 10%, you get **67.2361, -48.8470, 32.1155**, and if you desaturate by 10%, it is **69.2768, -39.4648, 25.5747**.

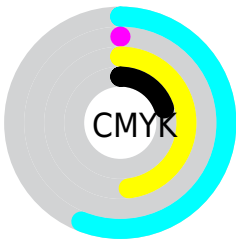
Distribution



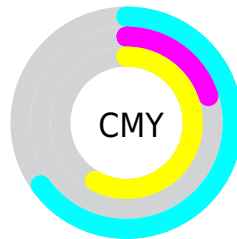
- Red (35%)
- Green (80%)
- Blue (42%)



- Red (35%)
- Yellow (74%)
- Blue (80%)



- Cyan (56%)
- Magenta (0%)
- Yellow (48%)
- Black (20%)



- Cyan (65%)
- Magenta (20%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.1329, -44.6625, 29.0967 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 68.1329, -44.6625, 29.0967 by changing the saturation by 10% instead.

■ 68.1329, -44.6625,
29.0967

■ 68.1329, -44.6625,
29.0967

193.0042,
-72.5850, 51.5184

■ 57.0786, -41.0379,
26.2420

■ 92.1149, -51.4666,
34.4908

■ 46.6954, -37.2129,
23.2463

■ 104.9789,
-54.6962, 37.0668

■ 37.0316, -33.1317,
20.0732

■ 118.3916,
-57.8358, 39.5807

■ 28.1453, -28.7110,
16.6745

■ 132.3313,
-60.8993, 42.0428

■ 20.1117, -23.8218,
13.5760

146.7789,
-63.8977, 44.4613

■ 13.0333, -20.4895,
9.1233

161.7171,

■ 6.5023, -11.3790,

-66.8400, 46.8432

4.5516

177.1302,
-69.7337, 49.1940

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1329, -44.6625,
29.0967

■ 68.1329, -44.6625,
29.0967

■ 67.2361, -48.8470,
32.1155

■ 69.2768, -39.4648,
25.5747

■ 66.5711, -52.0154,
34.6061

■ 70.6694, -33.2850,
21.5858

■ 66.1219, -54.2099,
36.5620

■ 72.3133, -26.1856,
17.1784

■ 65.8627, -55.5221,
37.9940


■ 74.2059, -18.2476,
12.4073

■ 65.7902, -55.8946,


■ 76.3414, -9.5638,


38.4284

7.3295

 78.7117, -0.2316,
2.0014

 81.3068, 9.6525,
-3.5240

 84.1155, 19.9974,
-9.1991

 84.6567, 22.3956,
-13.7022

Harmonies

Analogous

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



68.1343, -25.6045, 37.5105



68.1329, -44.6625, 29.0967



68.1343, -52.5683, 9.5167

Triad

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



68.1343, -44.6635, 29.0972



68.1343, -9.9177, -77.9952



68.1343, 58.5901, 22.5068

Complementary

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



68.1329, -44.6625, 29.0967



48.7221, 52.2292, -26.2760

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.



68.1343, 64.7768, -2.6603



68.1329, -44.6625, 29.0967



68.1343, 21.5180, -69.4065

Square

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



68.1343, -44.6635, 29.0972



68.1343, -34.9043, -58.1040



68.1343, 50.2024, -38.1022



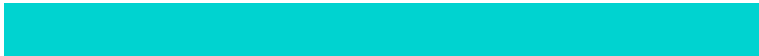
68.1343, 34.5315, 35.0399

Rectangle

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



68.1329, -44.6625, 29.0967



68.1343, -51.6509, -10.8497



68.1343, 50.2024, -38.1022



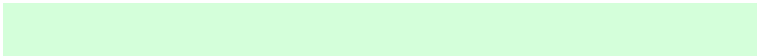
68.1343, 62.9857, 15.6283

Sweetspot

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



68.1343, -44.6635, 29.0972



95.1489, -24.9085, 16.8132



73.9726, -22.3683, 37.4368



43.7830, -12.5111, 8.3674

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.1343, -44.6635, 29.0972



86.3305, -63.7746, 42.0212



69.2655, -37.8475, 12.6780



35.4454, -5.9542, 4.2896



52.2021, -44.2916, 30.3647



11.8944, -9.8242, 6.3408

Inverse Universe

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



48.7221, 52.2292, -26.2760



57.7150, 80.3523, -39.5734



46.7022, 43.2934, 1.9120



33.7252, 2.4452, -0.5861



31.6291, 60.2487, -26.7154



7.2396, 13.8798, -6.8083

Previews

White Background



This preview shows how the HunterLab color 68.1329, -44.6625, 29.0967 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 68.1329, -44.6625, 29.0967 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 68.1329, -44.6625, 29.0967 Background



This preview shows how black text looks on a background with the HunterLab color 68.1329, -44.6625, 29.0967.



This preview shows how white text looks on a background with the HunterLab color 68.1329,

-44.6625, 29.0967.

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

68.1329, -44.6625, 29.0967

Protanopia

67.4901, -7.3895, 31.0876

Deuteranopia

67.4497, 4.9218, 27.3908



Tritanopia

68.0726, -20.7281, -10.3922

Trichromacy



Original Color

68.1329, -44.6625, 29.0967



Protanomaly

66.8771, -23.9003, 29.6466



Deuteranomaly

66.4144, -17.1585, 26.9390



Tritanomaly

67.7768, -31.0123, 7.5171

Monochromacy



Original Color

68.1329, -44.6625, 29.0967



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

61.3366, -20.3390, 13.4561

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.1329, -44.6625, 29.0967 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(90, 204, 107)` looks like.

```
.text, #text, p{  
    color:rgb(90, 204, 107)  
}
```

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(90, 204, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 204, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 68.1329, -44.6625, 29.0967 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(90, 204, 107) }
```


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

```
.border{ border-color:rgb(90, 204, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 204, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 204, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 204, 107);  
box-shadow:4px 4px 4px 4px rgb(90, 204,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.1329, -44.6625, 29.0967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 204, 107) }
```

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

```
.background{ background-color: rgb(90, 204,  
107) }
```

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