

Converting Colors

HunterLab(68.2090, -42.5575,
34.5253)

Have a look what the booklet for
HunterLab(68.2090, -42.5575,
34.5253) contains.

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Color

**HunterLab(68.3268,
-42.7746, 34.5988)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6FCB51 |
| RGB | 111, 203, 81 |
| RGB Percent | 44%, 80%, 32% |
| CMY | 0.5647, 0.2039, 0.6823 |
| CMYK | 0.45, 0.00, 0.60, 0.20 |
| HSL | 105°, 54%, 56% |
| HSV | 105°, 60%, 80% |
| XYZ | 29.3967, 46.6855, 15.2464 |
| YIQ | 161.5840, -15.6700, -57.4460 |

Conversions

Conversions Part 2

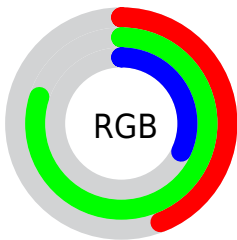
| Format | Color |
|-------------------------------------|--|
| RYB | 81, 203, 173 |
| Decimal | 7326545 |
| CIELab | 73.99, -49.75, 51.30 |
| CIElCh | 74, 71.456, 134.121 |
| Yxy | 46.6875, 0.3219, 0.5112 |
| Android (android.graphics.Color) | 4285516625 (0xFF6FCB51) |
| YUV | 161.5840, -39.7279, -44.3622 |
| Hunter-Lab | 68.3268, -42.7746, 34.5988 |

Details

The HunterLab color **68.3268, -42.7746, 34.5988** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **43.6835, 50.0545, -48.8949**, and the grayscale version is **60.1018, -3.2069, 3.2654**.

A 20% lighter version of the original color is **90.3139, -46.9507, 40.0225**, and **46.8549, -35.7828, 27.0815** is the 20% darker color. If you saturate the color by 10%, you get **67.4668, -46.6775, 36.9125**, and if you desaturate by 10%, it is **69.3676, -38.0954, 31.4869**.

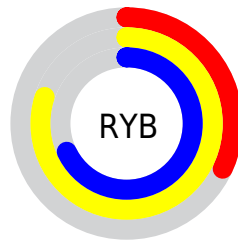
Distribution



Red (44%)

Green (80%)

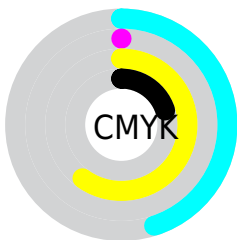
Blue (32%)



Red (32%)

Yellow (80%)

Blue (68%)

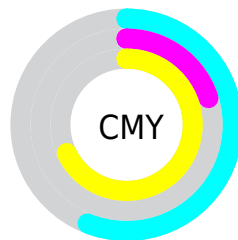


Cyan (45%)

Magenta (0%)

Yellow (60%)

Black (20%)



Cyan (56%)

Magenta (20%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.3268, -42.7746, 34.5988 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 68.3268, -42.7746, 34.5988 by changing the saturation by 10% instead.

■ 68.3268, -42.7746,
34.5988

■ 68.3268, -42.7746,
34.5988

193.2785,
-69.4436, 62.7306

■ 57.2614, -39.3339,
30.9249

■ 92.3293, -49.2482,
41.4902

■ 46.8664, -35.7081,
27.0572

■ 105.2029,
-52.3268, 44.7546

■ 37.1899, -31.8460,
22.9583

■ 118.6247,
-55.3233, 47.9225

■ 28.2898, -27.6696,
18.7322

■ 132.5733,
-58.2503, 51.0081

■ 20.2410, -23.0582,
14.1687

■ 147.0293,
-61.1182, 54.0228

■ 13.1451, -19.5058,
9.2016

161.9757,

■ 6.6457, -11.6300,

-63.9353, 56.9763

4.6520

177.3969,
-66.7085, 59.8767

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.3268, -42.7746,
34.5988

■ 68.3268, -42.7746,
34.5988

■ 67.4668, -46.6775,
36.9125

■ 69.3676, -38.0954,
31.4869

■ 66.7772, -49.7997,
38.4615

■ 70.5877, -32.6566,
27.5664

■ 66.2503, -52.1662,
39.3133

■ 71.9894, -26.4959,
22.8498

■ 65.8709, -53.8472,
39.6467

■ 73.5712, -19.6619,
17.3657

■ 75.3299, -12.2109,

11.1555

■ 77.2610, -4.2041,
4.2691

■ 79.3587, 4.2959,
-3.2382

■ 81.6167, 13.2279,
-11.3091

■ 83.6861, 20.7663,
-15.0973

Harmonies

Analogous

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



68.3283, -18.5884, 40.3551



68.3268, -42.7746, 34.5988



68.3283, -54.9977, 18.3809

Triad

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



68.3283, -42.7759, 34.5992



68.3283, -20.3094, -84.7012



68.3283, 70.2418, 16.9803

Complementary

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



68.3268, -42.7746, 34.5988



43.6835, 50.0545, -48.8949

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.



68.3283, 69.5363, -15.1444



68.3268, -42.7746, 34.5988



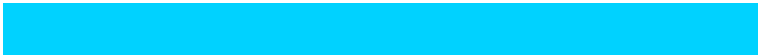
68.3283, 12.6945, -85.7109

Square

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



68.3283, -42.7759, 34.5992



68.3283, -43.8267, -53.7669



68.3283, 46.9173, -56.0891



68.3283, 48.6919, 33.9982

Rectangle

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



68.3268, -42.7746, 34.5988



68.3283, -56.5282, -0.8075



68.3283, 46.9173, -56.0891



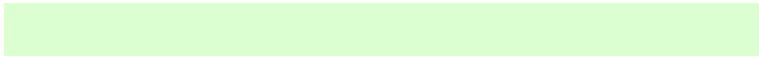
68.3283, 72.7119, 7.9561

Sweetspot

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



68.3283, -42.7759, 34.5992



95.6056, -23.7096, 21.0478



65.5656, -3.2176, 33.3048



43.9354, -12.2359, 10.7761

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.3283, -42.7759, 34.5992



87.0232, -61.6594, 48.4364



67.5442, -45.1375, 27.5011



35.5921, -5.5037, 5.0448



52.5814, -42.8091, 31.6509



12.0953, -9.0822, 7.2940

Inverse Universe

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



43.6835, 50.0545, -48.8949



50.4562, 77.5027, -78.7238



46.4548, 53.4486, -20.5771



33.5551, 1.9627, -1.5003



26.6528, 55.9388, -62.5832



6.3287, 13.0748, -13.2493

Previews

White Background



This preview shows how the HunterLab color 68.3268, -42.7746, 34.5988 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 68.3268, -42.7746, 34.5988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

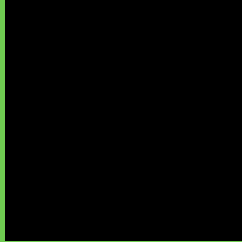
Any Text WCAG AA ✓ Pass

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 68.3268, -42.7746, 34.5988 Background



This preview shows how black text looks on a background with the HunterLab color 68.3268, -42.7746, 34.5988.



This preview shows how white text looks on a background with the HunterLab color 68.3268,

-42.7746, 34.5988.

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

68.3268, -42.7746, 34.5988

Protanopia

67.7936, -8.4551, 35.9601

Deuteranopia

67.6556, 4.8727, 33.2976



Tritanopia

68.0218, -16.1006, -9.2639

Trichromacy



Original Color

68.3268, -42.7746, 34.5988



Protanomaly

67.2725, -23.0390, 34.8616



Deuteranomaly

66.7085, -15.2052, 32.8252



Tritanomaly

67.7963, -28.0576, 11.7969

Monochromacy



Original Color

68.3268, -42.7746, 34.5988



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

62.4319, -19.8127, 17.0498

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.3268, -42.7746, 34.5988 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(111, 203, 81)` looks like.

```
.text, #text, p{  
    color:rgb(111, 203, 81)  
}
```

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(111, 203, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 203, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 68.3268, -42.7746, 34.5988 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(111, 203, 81) }
```


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

```
.border{ border-color:rgb(111, 203, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 203, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 203, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 203, 81);  
box-shadow:4px 4px 4px 4px rgb(111, 203,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.3268, -42.7746, 34.5988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 203, 81) }
```

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

```
.background{ background-color: rgb(111,  
203, 81) }
```

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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