

Converting Colors

HunterLab(70.5041, -35.5642,
34.3320)

Have a look what the booklet for
HunterLab(70.5041, -35.5642,
34.3320) contains.

HunterLab(70.5048, -35.5826, 34.3071)	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(70.5048,
-35.5826, 34.3071)**

Conversions

Conversions Part 1

Format	Color
Hex	8ECC5C
RGB	142, 204, 92
RGB Percent	56%, 80%, 36%
CMY	0.4431, 0.2000, 0.6392
CMYK	0.30, 0.00, 0.55, 0.20
HSL	93°, 52%, 58%
HSV	93°, 55%, 80%
XYZ	34.6800, 49.7093, 17.8923
YIQ	172.6940, -1.0000, -47.9760

Conversions

Conversions Part 2

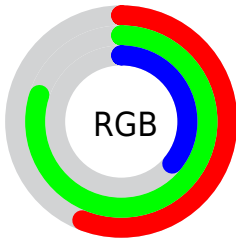
Format	Color
RYB	92, 204, 154
Decimal	9358428
CIELab	75.89, -38.79, 48.89
CIELCh	76, 62.408, 128.435
Yxy	49.7114, 0.3391, 0.4860
Android (android.graphics.Color)	4287548508 (0xFF8ECC5C)
YUV	172.6940, -39.7821, -26.9186
Hunter-Lab	70.5048, -35.5826, 34.3071

Details

The HunterLab color **70.5048, -35.5826, 34.3071** 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 **43.4575, 39.1842, -50.4789**, and the grayscale version is **64.6785, -3.4511, 3.5141**.

A 20% lighter version of the original color is **92.5041, -38.0771, 39.1643**, and **48.6494, -29.9378, 27.1141** is the 20% darker color. If you saturate the color by 10%, you get **69.6078, -39.5863, 37.0345**, and if you desaturate by 10%, it is **71.5316, -31.0200, 30.7306**.

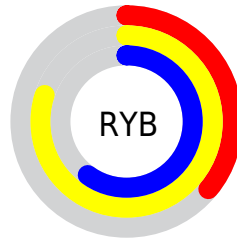
Distribution



Red (56%)

Green (80%)

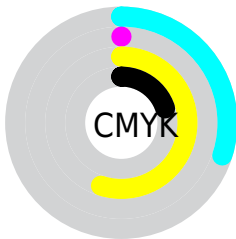
Blue (36%)



Red (36%)

Yellow (80%)

Blue (60%)

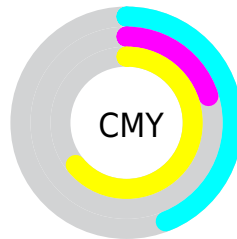


Cyan (30%)

Magenta (0%)

Yellow (55%)

Black (20%)



Cyan (44%)

Magenta (20%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.5048, -35.5826, 34.3071 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 70.5048, -35.5826, 34.3071 by changing the saturation by 10% instead.

■ 70.5048, -35.5826,
34.3071

■ 70.5048, -35.5826,
34.3071

196.3508,
-57.5318, 61.2052

■ 59.3162, -32.8360,
30.8213

■ 94.7350, -40.8091,
40.8630

■ 48.7901, -29.9654,
27.1571

■ 107.7146,
-43.3191, 43.9763

■ 38.9729, -26.9361,
23.2776

■ 121.2383,
-45.7766, 47.0024

■ 29.9200, -23.6948,
19.1433

■ 135.2848,
-48.1903, 49.9543

■ 21.7023, -20.1575,
15.1916

149.8354,
-50.5674, 52.8424

■ 14.4156, -16.2482,
10.0909

164.8733,

■ 8.0762, -14.1334,

-52.9137, 55.6755

5.6534

180.3831,
-55.2338, 58.4611

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.5048, -35.5826,
34.3071

■ 70.5048, -35.5826,
34.3071

■ 69.6078, -39.5863,
37.0345

■ 71.5316, -31.0200,
30.7306

■ 68.8330, -43.0228,
38.9435

■ 72.6850, -25.9081,
26.2915

■ 68.1772, -45.9032,
40.0914

■ 73.9668, -20.2707,
20.9949

■ 67.6332, -48.2545,
40.5686

■ 75.3760, -14.1365,
14.8588

■ 67.3909, -49.2928,

■ 76.9108, -7.5386,

40.6630

7.9120

■ 78.5688, -0.5130,
0.1913

■ 80.3467, 6.9033,
-8.2609

■ 82.2328, 14.6305,
-17.2847

■ 83.4131, 18.4372,
-15.5257

Harmonies

Analogous

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



70.5063, -11.8696, 39.0050



70.5048, -35.5826, 34.3071



70.5063, -49.0218, 20.8838

Triad

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



70.5063, -35.5842, 34.3076



70.5063, -23.3684, -66.7476



70.5063, 61.3360, 11.2806

Complementary

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



70.5048, -35.5826, 34.3071



43.4575, 39.1842, -50.4789

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.



70.5063, 56.9011, -18.9330



70.5048, -35.5826, 34.3071



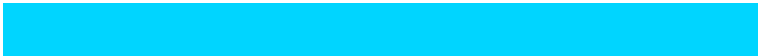
70.5063, 4.7213, -72.7925

Square

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



70.5063, -35.5842, 34.3076



70.5063, -42.8153, -38.4534



70.5063, 34.9378, -52.6324



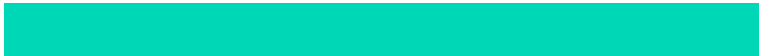
70.5063, 46.2167, 29.7548

Rectangle

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



70.5048, -35.5826, 34.3071



70.5063, -51.8528, 5.2913



70.5063, 34.9378, -52.6324



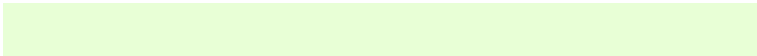
70.5063, 62.1260, 2.3528

Sweetspot

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



70.5063, -35.5842, 34.3076



96.7524, -19.2585, 20.2137



60.4909, 7.2336, 27.4759



44.5830, -9.6873, 10.1408

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.5063, -35.5842, 34.3076



89.3681, -51.8656, 48.2207



68.0718, -45.1950, 31.1751



35.7463, -4.9530, 5.2219



53.5136, -38.8981, 32.2939



12.3375, -8.0826, 7.4608

Inverse Universe

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



43.4575, 39.1842, -50.4789



48.6578, 62.4188, -84.2049



49.5871, 53.5050, -32.6810



33.3841, 1.3857, -1.7295



22.3763, 50.5827, -80.5989



5.5037, 11.9973, -16.3812

Previews

White Background



This preview shows how the HunterLab color 70.5048, -35.5826, 34.3071 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 70.5048, -35.5826, 34.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

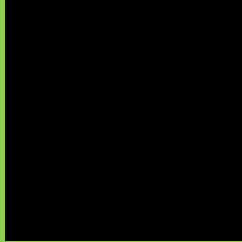
Any Text WCAG AA ✓ Pass

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 70.5048, -35.5826, 34.3071 Background



This preview shows how black text looks on a background with the HunterLab color 70.5048, -35.5826, 34.3071.



This preview shows how white text looks on a background with the HunterLab color 70.5048,

-35.5826, 34.3071.

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

70.5048, -35.5826, 34.3071

Protanopia

70.3406, -8.4393, 35.7748

Deuteranopia

70.1681, 4.8263, 33.3474



Tritanopia

70.4097, -10.6298, -6.5088

Trichromacy



Original Color

70.5048, -35.5826, 34.3071

Protanomaly

69.9370, -19.3793, 34.9286

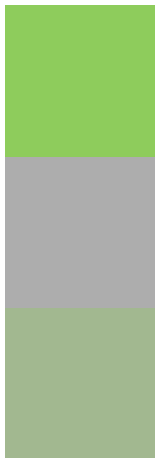
Deuteranomaly

69.4662, -11.3106, 33.1615

Tritanomaly

69.9777, -21.2745, 12.5869

Monochromacy



Original Color

70.5048, -35.5826, 34.3071

Achromatopsia

64.6440, -3.4492, 3.5122

Achromatomaly

66.3144, -16.2550, 16.9874

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.5048, -35.5826, 34.3071 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(142, 204, 92)` looks like.

```
.text, #text, p{  
    color:rgb(142, 204, 92)  
}
```

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(142, 204, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 204, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 70.5048, -35.5826, 34.3071 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(142, 204, 92) }
```


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

```
.border{ border-color:rgb(142, 204, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 204, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 204, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 204, 92);  
box-shadow:4px 4px 4px 4px rgb(142, 204,  
92) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.5048, -35.5826, 34.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 204, 92) }
```

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

```
.background{ background-color: rgb(142,  
204, 92) }
```

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