

Converting Colors

HunterLab(68.8865, -51.6947,
36.3908)

Have a look what the booklet for
HunterLab(68.8865, -51.6947,
36.3908) contains.

HunterLab(68.8444, -51.6741, 36.3830)	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(68.8444,
-51.6741, 36.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	47D147
RGB	71, 209, 71
RGB Percent	28%, 82%, 28%
CMY	0.7216, 0.1804, 0.7216
CMYK	0.66, 0.00, 0.66, 0.18
HSL	120°, 60%, 55%
HSV	120°, 66%, 82%
XYZ	26.5364, 47.3955, 13.7109
YIQ	152.0060, -37.9500, -72.1740

Conversions

Conversions Part 2

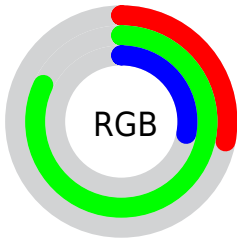
Format	Color
RYB	71, 209, 209
Decimal	4706631
CIELab	74.44, -63.05, 55.69
CIELCh	74, 84.119, 138.546
Yxy	47.3975, 0.3028, 0.5408
Android (android.graphics.Color)	4282896711 (0xFF47D147)
YUV	152.0060, -39.9360, -71.0423
Hunter-Lab	68.8444, -51.6741, 36.3830

Details

The HunterLab color **68.8444, -51.6741, 36.3830** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **47.6087, 66.8729, -44.6151**, and the grayscale version is **56.2061, -2.9990, 3.0538**.

A 20% lighter version of the original color is **88.4034, -54.8520, 40.5010**, and **47.7402, -40.8716, 28.5591** is the 20% darker color. If you saturate the color by 10%, you get **68.2017, -54.7079, 38.4342**, and if you desaturate by 10%, it is **69.7453, -47.4945, 33.5565**.

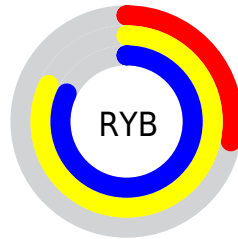
Distribution



Red (28%)

Green (82%)

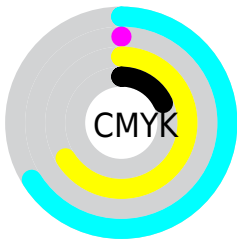
Blue (28%)



Red (28%)

Yellow (82%)

Blue (82%)

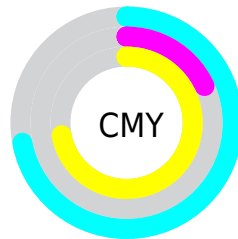


Cyan (66%)

Magenta (0%)

Yellow (66%)

Black (18%)



Cyan (72%)

Magenta (18%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.8444, -51.6741, 36.3830 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 68.8444, -51.6741, 36.3830 by changing the saturation by 10% instead.

■ 68.8444, -51.6741,
36.3830

■ 68.8444, -51.6741,
36.3830

194.0100,
-84.0924, 66.4971

■ 57.7495, -47.3999,
32.4328

■ 92.9014, -59.6562,
43.7872

■ 47.3230, -42.8739,
28.2758

■ 105.8003,
-63.4258, 47.2896

■ 37.6128, -38.0290,
23.8777

■ 119.2465,
-67.0788, 50.6847

■ 28.6760, -32.7672,
19.5389

■ 133.2185,
-70.6323, 53.9876

■ 20.5865, -26.9414,
14.4106

■ 147.6972,
-74.1001, 57.2106

■ 13.4447, -23.5282,
9.4113

162.6655,

■ 7.0136, -12.2737,

-77.4933, 60.3643

4.9095

178.1078,
-80.8215, 63.4573

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.8444, -51.6741,
36.3830

■ 68.8444, -51.6741,
36.3830

■ 68.2017, -54.7079,
38.4342

■ 69.7453, -47.4945,
33.5565

■ 67.7914, -56.6573,
39.7526

■ 70.9142, -42.1534,
29.9454

■ 67.5830, -57.6526,
40.4258


■ 72.3600, -35.6830,
25.5714


■ 67.5299, -57.9068,
40.5977


■ 74.0847, -28.1497,
20.4796


■ 76.0855, -19.6455,

14.7326

 78.3560, -10.2778,
8.4033

 80.8868, -0.1610,
1.5693

 83.6662, 10.5917,
-5.6926

 86.0714, 19.6211,
-11.7899

Harmonies

Analogous

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



68.8458, -26.1129, 43.0088



68.8444, -51.6741, 36.3830



68.8458, -63.2145, 16.5555

Triad

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



68.8458, -51.6751, 36.3833



68.8458, -18.0581, -110.5833



68.8458, 83.6709, 22.9236

Complementary

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



68.8444, -51.6741, 36.3830



47.6087, 66.8729, -44.6151

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.



68.8458, 87.2031, -12.1209



68.8444, -51.6741, 36.3830



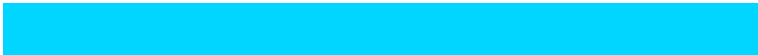
68.8458, 22.0596, -105.2631

Square

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



68.8458, -51.6751, 36.3833



68.8458, -46.9228, -74.8916



68.8458, 62.6498, -62.8983



68.8458, 53.8693, 38.7970

Rectangle

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



68.8444, -51.6741, 36.3830



68.8458, -63.6279, -7.8201



68.8458, 62.6498, -62.8983



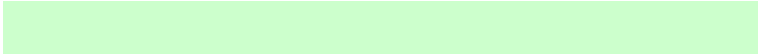
68.8458, 88.1828, 13.6015

Sweetspot

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



68.8458, -51.6751, 36.3833



94.1897, -29.2158, 21.5674



77.2099, -18.9815, 42.6663



43.2497, -14.9087, 10.9188

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.8458, -51.6751, 36.3833



85.1787, -69.6129, 48.8766



69.8828, -45.3247, 21.2171



36.3405, -6.3412, 4.9680



53.0247, -45.4686, 31.8774



12.5383, -10.7515, 7.5376

Inverse Universe

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



47.6087, 66.8729, -44.6151



55.7461, 96.4463, -64.5780



44.6721, 54.8142, -4.4446



34.6541, 2.7673, -1.2564



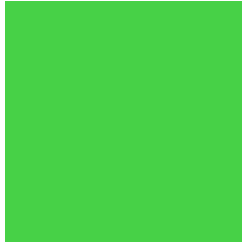
33.4604, 65.7838, -44.1291



7.9121, 15.5553, -10.4350

Previews

White Background



This preview shows how the HunterLab color 68.8444, -51.6741, 36.3830 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 68.8444, -51.6741, 36.3830 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 68.8444, -51.6741, 36.3830 Background



This preview shows how black text looks on a background with the HunterLab color 68.8444, -51.6741, 36.3830.



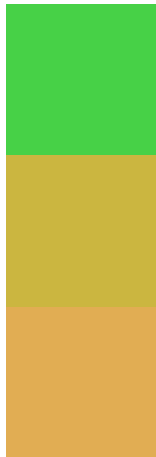
This preview shows how white text looks on a background with the HunterLab color 68.8444, -51.6741, 36.3830.

-51.6741, 36.3830.

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

68.8444, -51.6741, 36.3830

Protanopia

68.2075, -8.7105, 37.6603

Deuteranopia

68.2050, 5.1012, 35.0030



Tritanopia

68.4538, -22.4357, -11.5899

Trichromacy



Original Color

68.8444, -51.6741, 36.3830



Protanomaly

67.1365, -28.7385, 36.1765



Deuteranomaly

66.4209, -21.2841, 33.9526



Tritanomaly

67.9899, -35.9793, 12.2631

Monochromacy



Original Color

68.8444, -51.6741, 36.3830



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

59.6055, -24.3900, 17.6619

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.8444, -51.6741, 36.3830 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(71, 209, 71)` looks like.

```
.text, #text, p{  
    color:rgb(71, 209, 71)  
}
```

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(71, 209, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 209, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 68.8444, -51.6741, 36.3830 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(71, 209, 71) }
```


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

```
.border{ border-color:rgb(71, 209, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 209, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 209, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 209, 71);  
box-shadow:4px 4px 4px 4px rgb(71, 209,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.8444, -51.6741, 36.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 209, 71) }
```

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

```
.background{ background-color: rgb(71, 209,  
71) }
```

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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