

Converting Colors

HunterLab(67.5314, -51.8032,
36.4469)

Have a look what the booklet for
HunterLab(67.5314, -51.8032,
36.4469) contains.

HunterLab(67.5298, -51.8017, 36.4460)	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(67.5298,
-51.8017, 36.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	40CE40
RGB	64, 206, 64
RGB Percent	25%, 81%, 25%
CMY	0.7490, 0.1921, 0.7490
CMYK	0.69, 0.00, 0.69, 0.19
HSL	120°, 59%, 53%
HSV	120°, 69%, 81%
XYZ	25.1110, 45.6027, 12.3292
YIQ	147.3540, -39.0500, -74.2660

Conversions

Conversions Part 2

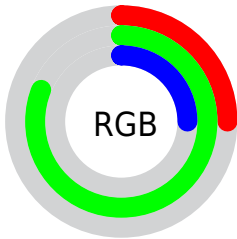
Format	Color
RYB	64, 206, 206
Decimal	4247104
CIELab	73.29, -64.03, 57.18
CIELCh	73, 85.845, 138.231
Yxy	45.6046, 0.3024, 0.5491
Android (android.graphics.Color)	4282437184 (0xFF40CE40)
YUV	147.3540, -41.0935, -73.1015
Hunter-Lab	67.5298, -51.8017, 36.4460

Details

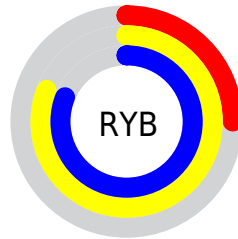
The HunterLab color **67.5298, -51.8017, 36.4460** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **46.0926, 68.1573, -45.5153**, and the grayscale version is **54.3311, -2.8990, 2.9519**.

A 20% lighter version of the original color is **88.0896, -56.2930, 41.5480**, and **46.7041, -40.0487, 28.0777** is the 20% darker color. If you saturate the color by 10%, you get **66.9657, -54.4730, 38.2521**, and if you desaturate by 10%, it is **68.3423, -48.0176, 33.8868**.

Distribution



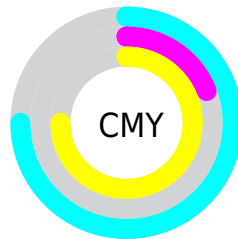
- Red (25%)
- Green (81%)
- Blue (25%)



- Red (25%)
- Yellow (81%)
- Blue (81%)



- Cyan (69%)
- Magenta (0%)
- Yellow (69%)
- Black (19%)



- Cyan (75%)
- Magenta (19%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.5298, -51.8017, 36.4460 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 67.5298, -51.8017, 36.4460 by changing the saturation by 10% instead.

■ 67.5298, -51.8017,
36.4460

■ 67.5298, -51.8017,
36.4460

192.1502,
-84.7622, 67.3516

■ 56.5101, -47.4378,
32.3767

■ 91.4478, -59.9372,
44.0647

■ 46.1639, -42.8101,
28.0923

■ 104.2820,
-63.7740, 47.6641

■ 36.5398, -37.8476,
23.5604

■ 117.6662,
-67.4892, 51.1504

■ 27.6967, -32.4461,
19.3564

■ 131.5784,
-71.1008, 54.5392

■ 19.7109, -26.4497,
13.7977

■ 145.9995,
-74.6230, 57.8436

■ 12.6868, -22.2020,
8.8808

160.9121,

■ 6.0335, -10.5586,

-78.0678, 61.0746

4.2234

176.3004,
-81.4448, 64.2413

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.5298, -51.8017,
36.4460

■ 67.5298, -51.8017,
36.4460

■ 66.9657, -54.4730,
38.2521

■ 68.3423, -48.0176,
33.8868

■ 66.6223, -56.1077,
39.3577

■ 69.4147, -43.0916,
30.5563

■ 66.4556, -56.9048,
39.8969


■ 70.7575, -37.0438,
26.4678


■ 66.4413, -56.9733,
39.9432


■ 72.3742, -29.9306,
21.6597


■ 74.2632, -21.8358,

16.1891

 76.4193, -12.8615,
10.1253

 78.8339, -3.1188,
3.5436

 81.4961, 7.2802,
-3.4799

 84.3937, 18.2283,
-10.8724

Harmonies

Analogous

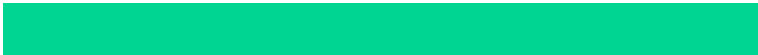
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.5312, -25.9569, 42.7352



67.5298, -51.8017, 36.4460



67.5312, -63.4659, 16.9241

Triad

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



67.5312, -51.8027, 36.4463



67.5312, -18.5443, -113.7917



67.5312, 85.7287, 22.7431

Complementary

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



67.5298, -51.8017, 36.4460



46.0926, 68.1573, -45.5153

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.



67.5312, 89.0308, -12.9564



67.5298, -51.8017, 36.4460



67.5312, 22.0904, -108.7607

Square

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



67.5312, -51.8027, 36.4463



67.5312, -47.4652, -76.4776



67.5312, 63.6140, -65.1869



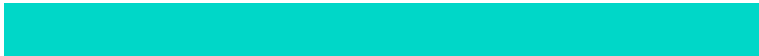
67.5312, 55.4279, 38.5841

Rectangle

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



67.5298, -51.8017, 36.4460



67.5312, -63.9667, -7.6204



67.5312, 63.6140, -65.1869



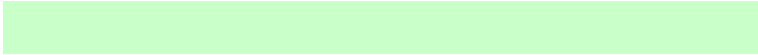
67.5312, 90.2536, 13.3053

Sweetspot

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



67.5312, -51.8027, 36.4463



93.9353, -30.2970, 22.2980



75.9190, -18.9377, 42.6613



43.1421, -15.3694, 11.2302

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.5312, -51.8027, 36.4463



84.9813, -70.5515, 49.5113



68.5447, -45.5793, 21.6115



35.4076, -6.1658, 4.8319



52.1360, -44.7065, 31.3431



11.8417, -10.1542, 7.1189

Inverse Universe

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



46.0926, 68.1573, -45.5153



54.9844, 99.0970, -66.3934



43.0563, 55.9109, -4.0550



33.7695, 2.6822, -1.2145



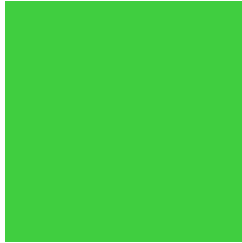
32.8995, 64.6811, -43.3888



7.4725, 14.6912, -9.8552

Previews

White Background



This preview shows how the HunterLab color 67.5298, -51.8017, 36.4460 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 67.5298, -51.8017, 36.4460 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 67.5298, -51.8017, 36.4460 Background



This preview shows how black text looks on a background with the HunterLab color 67.5298, -51.8017, 36.4460.



This preview shows how white text looks on a background with the HunterLab color 67.5298, -51.8017, 36.4460.

-51.8017, 36.4460.

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

67.5298, -51.8017, 36.4460

Protanopia

66.9440, -8.6877, 37.6702

Deuteranopia

66.8157, 4.6217, 35.1851



Tritanopia

67.1402, -22.5449, -11.7204

Trichromacy



Original Color

67.5298, -51.8017, 36.4460



Protanomaly

65.8033, -28.9601, 36.1889



Deuteranomaly

64.9826, -21.9376, 34.0641



Tritanomaly

66.6390, -36.2825, 12.4435

Monochromacy



Original Color

67.5298, -51.8017, 36.4460



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

57.5078, -24.4385, 17.6571

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.5298, -51.8017, 36.4460 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(64, 206, 64)` looks like.

```
.text, #text, p{  
    color:rgb(64, 206, 64)  
}
```

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(64, 206, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 206, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 67.5298, -51.8017, 36.4460 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(64, 206, 64) }
```


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

```
.border{ border-color:rgb(64, 206, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 206, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 206, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 206, 64);  
box-shadow:4px 4px 4px 4px rgb(64, 206,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.5298, -51.8017, 36.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 206, 64) }
```

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

```
.background{ background-color: rgb(64, 206,  
64) }
```

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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