

Converting Colors

HunterLab(83.2068, -63.6346,
50.1576)

Have a look what the booklet for
HunterLab(83.2068, -63.6346,
50.1576) contains.

HunterLab(83.0712, -63.5400, 50.0757)	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(83.0712,
-63.5400, 50.0757)**

Conversions

Conversions Part 1

Format	Color
Hex	60F700
RGB	96, 247, 0
RGB Percent	38%, 97%, 0%
CMY	0.6235, 0.0314, 0.9999
CMYK	0.61, 0.00, 1.00, 0.03
HSL	97°, 100%, 48%
HSV	97°, 100%, 97%
XYZ	38.0846, 69.0082, 11.3127
YIQ	173.6930, -10.7090, -108.8290

Conversions

Conversions Part 2

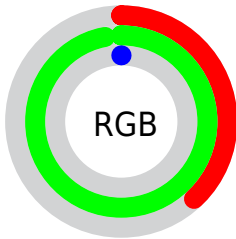
Format	Color
RYB	0, 247, 151
Decimal	6354688
CIELab	86.51, -73.23, 82.71
CIELCh	87, 110.473, 131.520
Yxy	69.0112, 0.3216, 0.5828
Android (android.graphics.Color)	4284544768 (0xFF60F700)
YUV	173.6930, -85.6306, -68.1368
Hunter-Lab	83.0712, -63.5400, 50.0757

Details

The HunterLab color **83.0712, -63.5400, 50.0757** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **36.4689, 80.8627, -119.1788**, and the grayscale version is **65.2819, -3.4833, 3.5469**.

A 20% lighter version of the original color is **89.4185, -51.5832, 47.6335**, and **60.3284, -51.7316, 36.2684** is the 20% darker color. If you saturate the color by 10%, you get **83.0722, -63.5448, 50.0762**, and if you desaturate by 10%, it is **83.6538, -61.0354, 49.8372**.

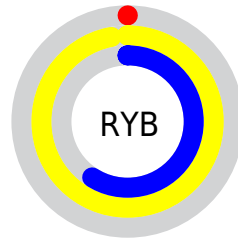
Distribution



Red (38%)

Green (97%)

Blue (0%)



Red (0%)

Yellow (97%)

Blue (59%)

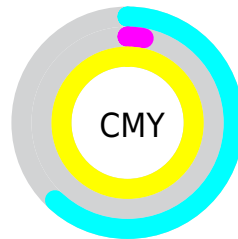


Cyan (61%)

Magenta (0%)

Yellow (100%)

Black (3%)



Cyan (62%)

Magenta (3%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.0712, -63.5400, 50.0757 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 83.0712, -63.5400, 50.0757 by changing the saturation by 10% instead.

83.0712, -63.5400,
50.0757

83.0712, -63.5400,
50.0757

213.7920,
-99.2258, 91.2427

71.2185, -58.8976,
44.7233

108.5346,
-72.2728, 60.1948

59.9887, -54.0173,
39.1523

122.0911,
-76.4164, 64.9993

49.4204, -48.8461,
33.3582

136.1693,
-80.4398, 69.6575

39.5579, -43.3098,
27.6905

150.7505,
-84.3590, 74.1852

30.4559, -37.3040,
21.3191

165.8179,
-88.1870, 78.5963

22.1842, -30.6790,
15.5289

181.3564,

14.8365, -25.9638,

-91.9349, 82.9027

10.3855

197.3520,
-95.6119, 87.1151

■ 8.4891, -14.8559,
5.9424

0.0000, NaN, NaN

■ 83.0712, -63.5400,
50.0757

■ 83.0712, -63.5400,
50.0757

■ 83.0722, -63.5448,
50.0762

■ 83.6538, -61.0354,
49.8372

■ 84.3807, -57.8452,
48.9064

■ 85.2704, -53.8928,
47.0780

■ 86.3314, -49.1537,
44.2572

■ 87.5692, -43.6260,
40.3883

■ 88.9868, -37.3253,
35.4463

■ 90.5851, -30.2815,
29.4311

■ 92.3631, -22.5351,
22.3630

■ 94.3185, -14.1342,
14.2784

Harmonies

Analogous

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



83.0730, -24.5131, 55.0298



83.0712, -63.5400, 50.0757



83.0730, -82.8049, 30.4995

Triad

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



83.0730, -63.5414, 50.0760



83.0730, -35.3603, -158.5734



83.0730, 126.5983, 22.2030

Complementary

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



83.0712, -63.5400, 50.0757



36.4689, 80.8627, -119.1788

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.



83.0730, 121.4824, -34.0866



83.0712, -63.5400, 50.0757



83.0730, 17.7475, -166.6891

Square

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



83.0730, -63.5414, 50.0760



83.0730, -69.6961, -93.5763



83.0730, 77.8960, -111.5075



83.0730, 90.4562, 47.3781

Rectangle

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



83.0712, -63.5400, 50.0757



83.0730, -85.9030, 1.8096



83.0730, 77.8960, -111.5075



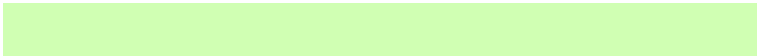
83.0730, 129.8546, 7.1457

Sweetspot

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



83.0730, -63.5414, 50.0760



93.9133, -31.4483, 30.5607



64.0494, 24.4268, 39.8936



43.1145, -16.0178, 15.4184

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.0730, -63.5414, 50.0760



86.1263, -65.9237, 51.9165



81.6049, -69.6734, 48.4075



43.3427, -6.2864, 6.3554



60.4744, -45.9476, 36.4596



18.0880, -12.9575, 10.9189

Inverse Universe

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



36.4689, 80.8627, -119.1788



37.7883, 83.8195, -123.6874



50.0662, 96.3023, -49.5589



40.5317, 1.9721, -2.1142



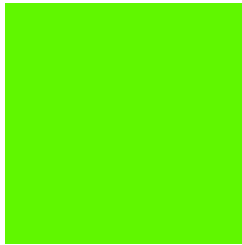
26.6774, 58.9984, -85.9585



8.2747, 17.9429, -23.8943

Previews

White Background



This preview shows how the HunterLab color 83.0712, -63.5400, 50.0757 looks on a white background.

Color Contrast Check

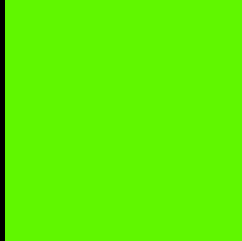
Large Text (above 18pt) WCAG AA × Fail

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 83.0712, -63.5400, 50.0757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

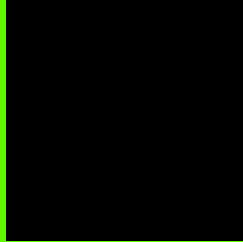
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

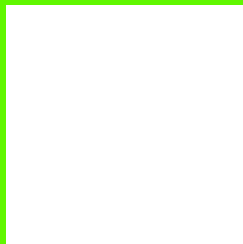
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 83.0712, -63.5400, 50.0757 Background



This preview shows how black text looks on a background with the HunterLab color 83.0712, -63.5400, 50.0757.



This preview shows how white text looks on a background with the HunterLab color 83.0712, -63.5400, 50.0757.

-63.5400, 50.0757.

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

83.0712, -63.5400, 50.0757

Protanopia

82.1451, -11.3791, 50.4182

Deuteranopia

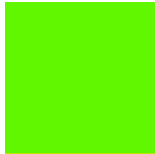
82.1405, 2.9719, 35.6754



Tritanopia

82.8790, -25.3836, -12.9054

Trichromacy



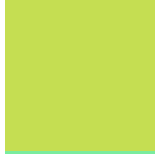
Original Color

83.0712, -63.5400, 50.0757



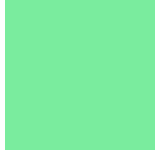
Protanomaly

81.0907, -35.2469, 49.3506



Deuteranomaly

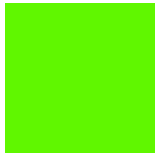
80.4500, -28.3620, 43.1934



Tritanomaly

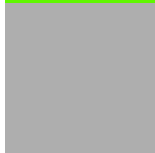
81.6070, -46.1484, 25.9764

Monochromacy



Original Color

83.0712, -63.5400, 50.0757



Achromatopsia

65.0590, -3.4714, 3.5348



Achromatomaly

70.0228, -31.7642, 29.8578

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.0712, -63.5400, 50.0757 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(96, 247, 0)` looks like.

```
.text, #text, p{  
  color:rgb(96, 247, 0)  
}
```

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(96, 247, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 247, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 83.0712, -63.5400, 50.0757 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(96, 247, 0) }
```


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

```
.border{ border-color:rgb(96, 247, 0) }
```

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

Here you see how a box with a 4 pixel rgb(96, 247, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 247, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 247, 0);  
box-shadow:4px 4px 4px 4px rgb(96, 247, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 83.0712, -63.5400, 50.0757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 247, 0) }
```

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

```
.background{ background-color: rgb(96, 247,  
0) }
```

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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