

Converting Colors

HunterLab(81.3188, -63.3270,
48.9996)

Have a look what the booklet for
HunterLab(81.3188, -63.3270,
48.9996) contains.

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Color

**HunterLab(81.3188,
-63.3270, 48.9996)**

Conversions

Conversions Part 1

Format	Color
Hex	57F300
RGB	87, 243, 0
RGB Percent	34%, 95%, 0%
CMY	0.6588, 0.0470, 0.9999
CMYK	0.64, 0.00, 1.00, 0.05
HSL	99°, 100%, 48%
HSV	99°, 100%, 95%
XYZ	35.9811, 66.1275, 10.8675
YIQ	168.6540, -14.9730, -108.6450

Conversions

Conversions Part 2

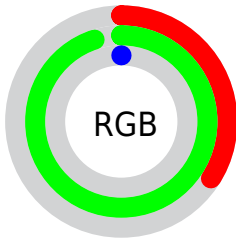
Format	Color
RYB	0, 243, 156
Decimal	5763840
CIELab	85.06, -73.91, 81.47
CIElCh	85, 110.000, 132.215
Yxy	66.1303, 0.3185, 0.5853
Android (android.graphics.Color)	4283953920 (0xFF57F300)
YUV	168.6540, -83.1464, -71.6106
Hunter-Lab	81.3188, -63.3270, 48.9996

Details

The HunterLab color **81.3188, -63.3270, 48.9996** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated green. A complement of this color would be **36.8023, 80.6031, -112.5239**, and the grayscale version is **63.1854, -3.3714, 3.4330**.

A 20% lighter version of the original color is **89.0094, -53.2440, 47.4719**, and **58.9049, -50.5110, 35.4127** is the 20% darker color. If you saturate the color by 10%, you get **81.3198, -63.3315, 49.0001**, and if you desaturate by 10%, it is **81.8727, -60.9340, 48.7437**.

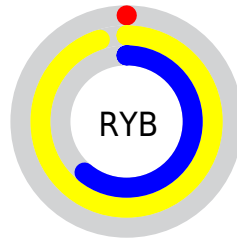
Distribution



Red (34%)

Green (95%)

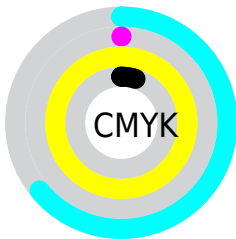
Blue (0%)



Red (0%)

Yellow (95%)

Blue (61%)

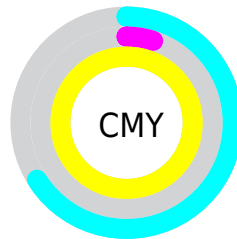


Cyan (64%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (66%)

Magenta (5%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.3188, -63.3270, 48.9996 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 81.3188, -63.3270, 48.9996 by changing the saturation by 10% instead.

81.3188, -63.3270,
48.9996

81.3188, -63.3270,
48.9996

211.3865,
-99.4426, 89.7787

69.5544, -58.6118,
43.6880

106.6177,
-72.1835, 59.0335

58.4179, -53.6489,
38.1561

120.0970,
-76.3808, 63.7943

47.9487, -48.3822,
32.3999

134.1010,
-80.4536, 68.4088

38.1925, -42.7333,
26.7348

148.6105,
-84.4187, 72.8928

29.2059, -36.5914,
20.4441

163.6085,
-88.2896, 77.2603

21.0613, -29.7983,
14.7429

179.0797,

13.8572, -24.2500,

-92.0778, 81.5235

9.7000

195.0100,
-95.7927, 85.6932

■ 7.4866, -13.1015,
5.2406

0.0000, NaN, NaN

■ 81.3188, -63.3270,
48.9996

■ 81.3188, -63.3270,
48.9996

■ 81.3198, -63.3315,
49.0001

■ 81.8727, -60.9340,
48.7437

■ 82.5764, -57.8317,
47.8131

■ 83.4486, -53.9419,
46.0055

■ 84.4984, -49.2404,
43.2292

■ 85.7313, -43.7262,
39.4315

■ 87.1503, -37.4172,
34.5905

■ 88.7563, -30.3461,
28.7092

■ 90.5480, -22.5571,
21.8107

■ 92.5229, -14.1019,
13.9341

Harmonies

Analogous

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



81.3205, -25.2964, 53.9749



81.3188, -63.3270, 48.9996



81.3205, -81.8535, 29.3160

Triad

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



81.3205, -63.3283, 48.9999



81.3205, -33.8690, -158.5587



81.3205, 125.0923, 22.7778

Complementary

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



81.3188, -63.3270, 48.9996



36.8023, 80.6031, -112.5239

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.



81.3205, 121.0264, -32.1750



81.3188, -63.3270, 48.9996



81.3205, 18.9724, -165.0336

Square

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



81.3205, -63.3283, 48.9999



81.3205, -68.1775, -94.7207



81.3205, 78.4718, -109.0050



81.3205, 88.4447, 46.9008

Rectangle

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



81.3188, -63.3270, 48.9996



81.3205, -84.6461, 0.4897



81.3205, 78.4718, -109.0050



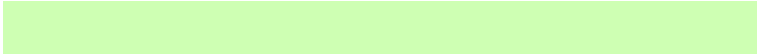
81.3205, 128.6649, 8.1758

Sweetspot

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



81.3205, -63.3283, 48.9999



93.7333, -32.1257, 30.3866



64.9147, 19.7786, 40.3454



43.0228, -16.3663, 15.3327

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.3205, -63.3283, 48.9999



85.8824, -66.9472, 51.7483



80.1317, -68.2370, 47.1481



43.3135, -6.3909, 6.3219



60.3003, -46.6776, 36.3396



18.0317, -13.1911, 10.8801

Inverse Universe

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



36.8023, 80.6031, -112.5239



38.8378, 85.1005, -119.0070



48.7235, 93.0486, -43.0283



40.5640, 2.0812, -2.0708



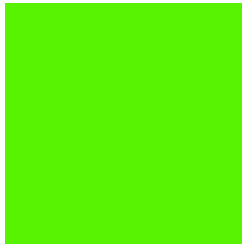
27.4054, 59.8916, -82.7466



8.4720, 18.1929, -23.0861

Previews

White Background



This preview shows how the HunterLab color 81.3188, -63.3270, 48.9996 looks on a white background.

Color Contrast Check

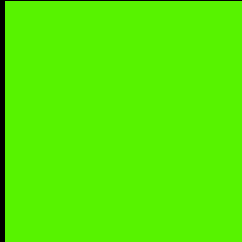
Large Text (above 18pt) WCAG AA × Fail

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 81.3188, -63.3270, 48.9996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

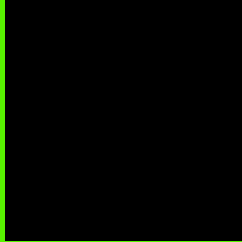
Any Text WCAG AA ✓ Pass

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 81.3188, -63.3270, 48.9996 Background



This preview shows how black text looks on a background with the HunterLab color 81.3188, -63.3270, 48.9996.



This preview shows how white text looks on a background with the HunterLab color 81.3188,

-63.3270, 48.9996.

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

81.3188, -63.3270, 48.9996

Protanopia

80.4771, -10.9606, 49.3977

Deuteranopia

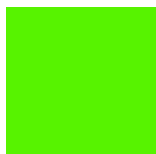
80.3908, 4.0308, 38.7272



Tritanopia

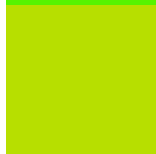
81.0371, -25.6639, -13.1341

Trichromacy



Original Color

81.3188, -63.3270, 48.9996



Protanomaly

79.2733, -35.3389, 48.2292



Deuteranomaly

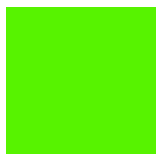
78.4457, -27.6790, 43.4739



Tritanomaly

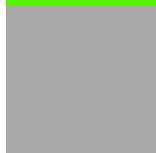
79.7855, -46.3034, 25.3085

Monochromacy



Original Color

81.3188, -63.3270, 48.9996



Achromatopsia

62.9885, -3.3609, 3.4223



Achromatomaly

67.8613, -31.7075, 28.8653

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.3188, -63.3270, 48.9996 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(87, 243, 0)` looks like.

```
.text, #text, p{  
    color:rgb(87, 243, 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(87, 243, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 243, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 81.3188, -63.3270, 48.9996 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(87, 243, 0) }
```


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

```
.border{ border-color:rgb(87, 243, 0) }
```

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

Here you see how a box with a 4 pixel rgb(87, 243, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 243, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 243, 0);  
box-shadow:4px 4px 4px 4px rgb(87, 243, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 81.3188, -63.3270, 48.9996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 243, 0) }
```

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

```
.background{ background-color: rgb(87, 243,  
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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