

Converting Colors

HunterLab(80.4528, -57.5604,
48.5669)

Have a look what the booklet for
HunterLab(80.4528, -57.5604,
48.5669) contains.

HunterLab(80.4528, -57.5604, 48.5669)	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(80.4528,
-57.5604, 48.5669)**

Conversions

Conversions Part 1

Format	Color
Hex	72EE00
RGB	114, 238, 0
RGB Percent	45%, 93%, 0%
CMY	0.5529, 0.0666, 0.9999
CMYK	0.52, 0.00, 1.00, 0.07
HSL	91°, 100%, 47%
HSV	91°, 100%, 93%
XYZ	37.5140, 64.7265, 10.5163
YIQ	173.7920, 2.4940, -100.3060

Conversions

Conversions Part 2

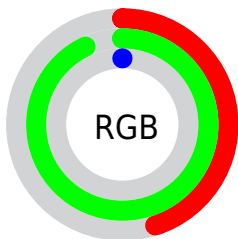
Format	Color
RYB	0, 238, 124
Decimal	7532032
CIELab	84.34, -65.75, 81.24
CIELCh	84, 104.512, 128.983
Yxy	64.7293, 0.3327, 0.5740
Android (android.graphics.Color)	4285722112 (0xFF72EE00)
YUV	173.7920, -85.6795, -52.4376
Hunter-Lab	80.4528, -57.5604, 48.5669

Details

The HunterLab color **80.4528, -57.5604, 48.5669** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **32.3454, 74.4714, -127.0433**, and the grayscale version is **65.3193, -3.4853, 3.5489**.

A 20% lighter version of the original color is **90.3263, -48.0090, 48.6144**, and **57.8611, -47.7000, 34.8187** is the 20% darker color. If you saturate the color by 10%, you get **80.4537, -57.5654, 48.5674**, and if you desaturate by 10%, it is **81.0453, -55.0459, 48.3504**.

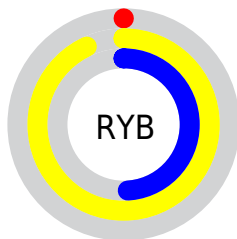
Distribution



Red (45%)

Green (93%)

Blue (0%)



Red (0%)

Yellow (93%)

Blue (49%)

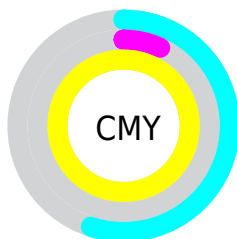


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (55%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.4528, -57.5604, 48.5669 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 80.4528, -57.5604, 48.5669 by changing the saturation by 10% instead.

80.4528, -57.5604,
48.5669

80.4528, -57.5604,
48.5669

210.1948,
-90.2726, 89.3269

68.7325, -53.3245,
43.2532

105.6696,
-65.5380, 58.6017

57.6426, -48.8731,
37.7183

119.1104,
-69.3285, 63.3615

47.2231, -44.1561,
31.9628

133.0773,
-73.0129, 67.9741

37.5202, -39.1021,
26.2641

147.5511,
-76.6057, 72.4557

28.5914, -33.6085,
20.0140

162.5146,
-80.1190, 76.8201

20.5108, -27.5232,
14.3575

177.9522,

13.3790, -23.4132,

-83.5626, 81.0799

9.3653

193.8500,
-86.9448, 85.2457

■ 6.9348, -12.1359,
4.8544

0.0000, NaN, NaN

■ 80.4528, -57.5604,
48.5669

■ 80.4528, -57.5604,
48.5669

■ 80.4537, -57.5654,
48.5674

■ 81.0453, -55.0459,
48.3504

■ 81.7523, -51.9811,
47.4658

■ 82.5903, -48.2953,
45.7138

■ 83.5664, -43.9648,
43.0019

■ 84.6854, -38.9834,
39.2728

■ 85.9501, -33.3591,
34.4961

■ 87.3617, -27.1104,
28.6640

■ 88.9200, -20.2648,
21.7867

■ 90.6238, -12.8558,
13.8897

Harmonies

Analogous

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



80.4545, -19.1715, 52.9106



80.4528, -57.5604, 48.5669



80.4545, -77.3954, 31.3519

Triad

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



80.4545, -57.5619, 48.5672



80.4545, -36.7980, -142.3465



80.4545, 118.6203, 17.7338

Complementary

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



80.4528, -57.5604, 48.5669



32.3454, 74.4714, -127.0433

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.



80.4545, 110.4694, -37.2209



80.4528, -57.5604, 48.5669



80.4545, 11.7430, -155.1018

Square

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



80.4545, -57.5619, 48.5672



80.4545, -67.6705, -80.1887



80.4545, 67.8922, -108.5249



80.4545, 87.9707, 43.9413

Rectangle

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



80.4528, -57.5604, 48.5669



80.4545, -81.2531, 6.0322



80.4545, 67.8922, -108.5249



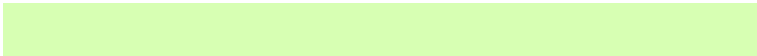
80.4545, 120.4628, 2.6907

Sweetspot

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



80.4545, -57.5619, 48.5672



94.4575, -29.4086, 31.0859



56.8688, 33.3858, 35.6257



43.3929, -14.9645, 15.6781

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.4545, -57.5619, 48.5672



86.9864, -62.3404, 52.5092



78.2054, -67.0203, 46.9294



42.4590, -5.8354, 6.3021



60.1549, -42.7343, 36.3190



17.5193, -11.6312, 10.5917

Inverse Universe

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



32.3454, 74.4714, -127.0433



34.9239, 80.4812, -137.6857



49.1136, 96.2041, -62.0581



39.5397, 1.6064, -2.1813



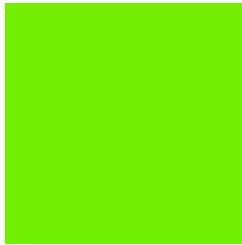
24.3168, 55.8056, -94.0713



7.4238, 16.5727, -25.1182

Previews

White Background



This preview shows how the HunterLab color 80.4528, -57.5604, 48.5669 looks on a white background.

Color Contrast Check

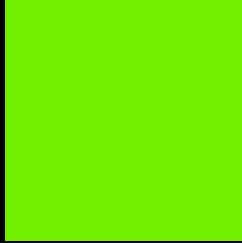
Large Text (above 18pt) WCAG AA × Fail

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 80.4528, -57.5604, 48.5669 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 80.4528, -57.5604, 48.5669 Background



This preview shows how black text looks on a background with the HunterLab color 80.4528, -57.5604, 48.5669.



This preview shows how white text looks on a background with the HunterLab color 80.4528,

-57.5604, 48.5669.

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

80.4528, -57.5604, 48.5669

Protanopia

79.6453, -10.7520, 48.8889

Deuteranopia

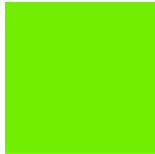
79.6798, 4.3701, 40.2035



Tritanopia

80.0924, -20.9965, -11.4665

Trichromacy



Original Color

80.4528, -57.5604, 48.5669



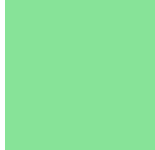
Protanomaly

78.9892, -31.2713, 48.1253



Deuteranomaly

78.2947, -23.3111, 44.1636



Tritanomaly

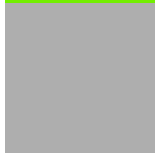
78.9659, -40.7001, 25.6419

Monochromacy



Original Color

80.4528, -57.5604, 48.5669



Achromatopsia

65.0590, -3.4714, 3.5348



Achromatomaly

69.1054, -28.5031, 29.1806

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.4528, -57.5604, 48.5669 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(114, 238, 0)` looks like.

```
.text, #text, p{  
    color:rgb(114, 238, 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(114, 238, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 238, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 80.4528, -57.5604, 48.5669 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(114, 238, 0) }
```


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

```
.border{ border-color:rgb(114, 238, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 238, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 238, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 238, 0);  
box-shadow:4px 4px 4px 4px rgb(114, 238,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.4528, -57.5604, 48.5669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 238, 0) }
```

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

```
.background{ background-color: rgb(114,  
238, 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](#).

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