

Converting Colors

HunterLab(80.9736, -57.2265,
48.5115)

Have a look what the booklet for
HunterLab(80.9736, -57.2265,
48.5115) contains.

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Color

**HunterLab(80.9663,
-57.2456, 48.5005)**

Conversions

Conversions Part 1

Format	Color
Hex	75EF11
RGB	117, 239, 17
RGB Percent	46%, 94%, 7%
CMY	0.5412, 0.0627, 0.9332
CMYK	0.51, 0.00, 0.93, 0.06
HSL	93°, 87%, 50%
HSV	93°, 93%, 94%
XYZ	38.3038, 65.5554, 11.1650
YIQ	177.2140, -1.4500, -94.9060

Conversions

Conversions Part 2

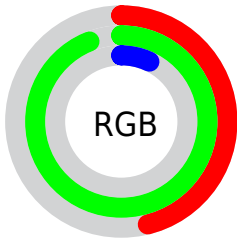
Format	Color
RYB	17, 239, 139
Decimal	7728913
CIELab	84.77, -65.03, 80.13
CIELCh	85, 103.195, 129.062
Yxy	65.5582, 0.3330, 0.5699
Android (android.graphics.Color)	4285918993 (0xFF75EF11)
YUV	177.2140, -78.9855, -52.8077
Hunter-Lab	80.9663, -57.2456, 48.5005

Details

The HunterLab color **80.9663, -57.2456, 48.5005** 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 **34.8217, 74.5658, -116.2865**, and the grayscale version is **66.7173, -3.5599, 3.6249**.

A 20% lighter version of the original color is **90.5052, -47.2060, 48.0051**, and **58.3213, -47.5521, 35.1049** is the 20% darker color. If you saturate the color by 10%, you get **80.5615, -58.9822, 48.6090**, and if you desaturate by 10%, it is **81.6406, -54.3354, 47.8368**.

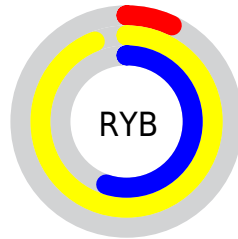
Distribution



Red (46%)

Green (94%)

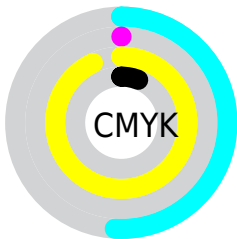
Blue (7%)



Red (7%)

Yellow (94%)

Blue (55%)

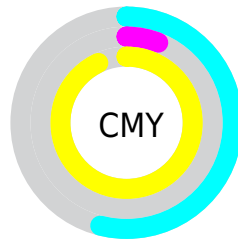


Cyan (51%)

Magenta (0%)

Yellow (93%)

Black (6%)



Cyan (54%)

Magenta (6%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.9663, -57.2456, 48.5005 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 80.9663, -57.2456, 48.5005 by changing the saturation by 10% instead.

80.9663, -57.2456,
48.5005

80.9663, -57.2456,
48.5005

210.9017,
-89.6196, 88.7116

69.2198, -53.0610,
43.2604

106.2318,
-65.1321, 58.3951

58.1022, -48.6658,
37.7998

119.6956,
-68.8815, 63.0890

47.6532, -44.0113,
32.1123

133.6844,
-72.5272, 67.6384

37.9187, -39.0280,
26.5431

148.1794,
-76.0834, 72.0594

28.9555, -33.6159,
20.2689

163.1634,
-79.5618, 76.3658

20.8369, -27.6268,
14.5858

178.6210,

13.6621, -23.9086,

-82.9721, 80.5698

9.5634

194.5381,
-86.3224, 84.6820

■ 7.2673, -12.7177,
5.0871

0.0000, NaN, NaN

■ 80.9663, -57.2456,
48.5005

■ 80.9663, -57.2456,
48.5005

■ 80.5615, -58.9822,
48.6090

■ 81.6406, -54.3354,
47.8368

■ 82.4496, -50.7782,
46.3388

■ 83.4034, -46.5455,
43.9019

■ 84.5074, -41.6278,
40.4605

■ 85.7651, -36.0314,
35.9788

■ 87.1780, -29.7751,
30.4451

■ 88.7461, -22.8874,
23.8676

■ 90.4682, -15.4041,
16.2707

■ 92.3418, -7.3661,
7.6914

Harmonies

Analogous

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



80.9680, -19.1761, 52.9831



80.9663, -57.2456, 48.5005



80.9680, -76.9786, 31.1260

Triad

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



80.9680, -57.2471, 48.5008



80.9680, -36.4263, -139.7590



80.9680, 116.8206, 17.7476

Complementary

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



80.9663, -57.2456, 48.5005



34.8217, 74.5658, -116.2865

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.



80.9680, 108.9111, -36.4402



80.9663, -57.2456, 48.5005



80.9680, 11.6810, -152.0629

Square

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



80.9680, -57.2471, 48.5008



80.9680, -67.1855, -78.9936



80.9680, 67.0724, -106.3899



80.9680, 86.5846, 43.8726

Rectangle

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



80.9663, -57.2456, 48.5005



80.9680, -80.8069, 5.9169



80.9680, 67.0724, -106.3899



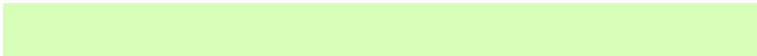
80.9680, 118.6679, 2.8681

Sweetspot

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



80.9680, -57.2471, 48.5008



94.6181, -28.5875, 29.5245



59.8631, 27.6958, 36.8459



43.4445, -14.6795, 15.0245

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.9680, -57.2471, 48.5008



86.6916, -63.5636, 52.3062



78.6911, -66.7804, 46.6513



42.4322, -5.9311, 6.2714



59.9499, -43.5838, 36.1778



17.4589, -11.8786, 10.5501

Inverse Universe

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



34.8217, 74.5658, -116.2865



35.7894, 81.4634, -133.2511



49.5550, 94.4928, -58.8005



39.5688, 1.7047, -2.1421



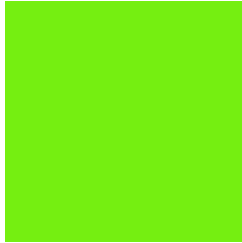
24.9108, 56.4852, -91.0696



7.5844, 16.7660, -24.3809

Previews

White Background



This preview shows how the HunterLab color 80.9663, -57.2456, 48.5005 looks on a white background.

Color Contrast Check

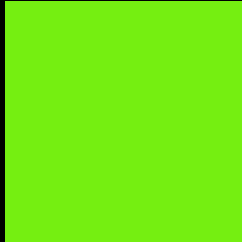
Large Text (above 18pt) WCAG AA × Fail

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 80.9663, -57.2456, 48.5005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

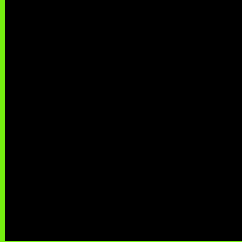
Any Text WCAG AA ✓ Pass

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 80.9663, -57.2456, 48.5005 Background



This preview shows how black text looks on a background with the HunterLab color 80.9663, -57.2456, 48.5005.



This preview shows how white text looks on a background with the HunterLab color 80.9663,

-57.2456, 48.5005.

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

80.9663, -57.2456, 48.5005

Protanopia

80.3698, -11.3430, 49.3249

Deuteranopia

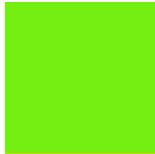
80.0592, 4.3308, 39.1066



Tritanopia

80.5750, -20.8385, -11.3757

Trichromacy



Original Color

80.9663, -57.2456, 48.5005



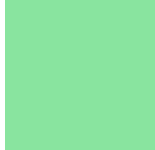
Protanomaly

79.4125, -31.3457, 48.2562



Deuteranomaly

78.7873, -22.9821, 43.2707



Tritanomaly

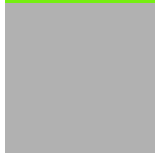
79.5666, -39.8184, 23.8895

Monochromacy



Original Color

80.9663, -57.2456, 48.5005



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

70.4337, -28.2186, 28.2154

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.9663, -57.2456, 48.5005 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(117, 239, 17)` looks like.

```
.text, #text, p{  
    color:rgb(117, 239, 17)  
}
```

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(117, 239, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 239, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 80.9663, -57.2456, 48.5005 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(117, 239, 17) }
```


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

```
.border{ border-color:rgb(117, 239, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 239, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 239, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 239, 17);  
box-shadow:4px 4px 4px 4px rgb(117, 239,  
17) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.9663, -57.2456, 48.5005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 239, 17) }
```

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

```
.background{ background-color: rgb(117,  
239, 17) }
```

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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