

Converting Colors

HunterLab(79.4354, -65.0178,
47.8175)

Have a look what the booklet for
HunterLab(79.4354, -65.0178,
47.8175) contains.

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Color

**HunterLab(79.5493,
-65.1098, 47.8780)**

Conversions

Conversions Part 1

Format	Color
Hex	3CF000
RGB	60, 240, 0
RGB Percent	24%, 94%, 0%
CMY	0.7647, 0.0588, 0.9999
CMYK	0.75, 0.00, 1.00, 0.06
HSL	105°, 100%, 47%
HSV	105°, 100%, 94%
XYZ	33.0236, 63.2809, 10.4740
YIQ	158.8200, -30.2400, -112.8000

Conversions

Conversions Part 2

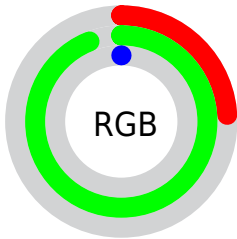
Format	Color
RYB	0, 240, 180
Decimal	3993600
CIELab	83.59, -77.76, 80.07
CIELCh	84, 111.613, 134.164
Yxy	63.2836, 0.3093, 0.5926
Android (android.graphics.Color)	4282183680 (0xFF3CF000)
YUV	158.8200, -78.2983, -86.6651
Hunter-Lab	79.5493, -65.1098, 47.8780

Details

The HunterLab color **79.5493, -65.1098, 47.8780** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **40.0006, 84.2253, -96.0743**, and the grayscale version is **59.1295, -3.1550, 3.2126**.

A 20% lighter version of the original color is **88.0202, -57.2689, 46.8687**, and **57.8411, -49.5987, 34.7731** is the 20% darker color. If you saturate the color by 10%, you get **79.5504, -65.1136, 47.8786**, and if you desaturate by 10%, it is **80.0055, -63.1063, 47.5523**.

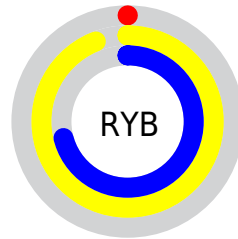
Distribution



Red (24%)

Green (94%)

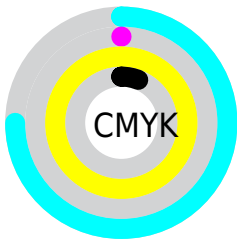
Blue (0%)



Red (0%)

Yellow (94%)

Blue (71%)

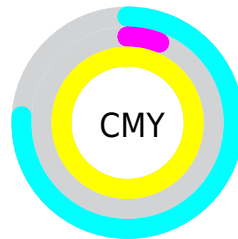


Cyan (75%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (76%)


Magenta (6%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.5493, -65.1098, 47.8780 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 79.5493, -65.1098, 47.8780 by changing the saturation by 10% instead.


 79.5493, -65.1098,
47.8780


 79.5493, -65.1098,
47.8780


208.9492,
-103.0351, 88.1976

 67.8754, -60.1237,
42.6162


 104.6798,
-74.4504, 57.8090


 56.8345, -54.8654,
37.1324


 118.0802,
-78.8670, 62.5177


 46.4671, -49.2729,
31.4268


 132.0082,
-83.1470, 67.0802

 36.8203, -43.2596,
25.7742

 146.4444,
-87.3086, 71.5125

 27.9526, -36.7047,
19.5668

 161.3716,
-91.3666, 75.8289

 19.9395, -29.6657,
13.9576

 176.7741,

 12.8843, -22.5475,

-95.3337, 80.0415

9.0190

192.6376,
-99.2203, 84.1613

■ 6.3054, -11.0345,
4.4138

0.0000, NaN, NaN

■ 79.5493, -65.1098,
47.8780

■ 79.5493, -65.1098,
47.8780

■ 79.5504, -65.1136,
47.8786

■ 80.0055, -63.1063,
47.5523

■ 80.6373, -60.2734,
46.5741

■ 81.4673, -56.5181,
44.7437

■ 82.5073, -51.8093,
41.9747

■ 83.7648, -46.1461,
38.2215

■ 85.2435, -39.5531,
33.4711

■ 86.9444, -32.0746,
27.7374

■ 88.8658, -23.7698,
21.0550

■ 91.0038, -14.7084,
13.4748

Harmonies

Analogous

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



79.5510, -28.4049, 53.0897



79.5493, -65.1098, 47.8780



79.5510, -82.3069, 27.0978

Triad

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



79.5510, -65.1110, 47.8783



79.5510, -30.9872, -164.8212



79.5510, 125.7216, 25.1442

Complementary

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



79.5493, -65.1098, 47.8780



40.0006, 84.2253, -96.0743

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.



79.5510, 124.4767, -28.1326



79.5493, -65.1098, 47.8780



79.5510, 23.1850, -166.8259

Square

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



79.5510, -65.1110, 47.8783



79.5510, -66.5584, -101.8102



79.5510, 83.1864, -106.2137



79.5510, 86.2317, 47.2746

Rectangle

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



79.5493, -65.1098, 47.8780



79.5510, -84.3720, -3.2897



79.5510, 83.1864, -106.2137



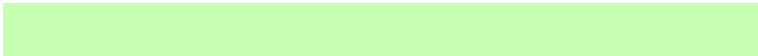
79.5510, 130.3298, 11.2637

Sweetspot

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



79.5510, -65.1110, 47.8783



93.1172, -34.4554, 29.7888



71.5358, 5.2161, 44.1705



42.7108, -17.5583, 15.0400

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.5510, -65.1110, 47.8783



85.2060, -69.8047, 51.2815



79.1515, -66.3988, 44.4051



42.2459, -6.5967, 6.0578



58.9008, -47.9853, 35.4543



17.1218, -13.2783, 10.3179

Inverse Universe

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



40.0006, 84.2253, -96.0743



42.8167, 90.1870, -103.0448



46.7147, 87.0509, -24.5029



39.7756, 2.4023, -1.8645



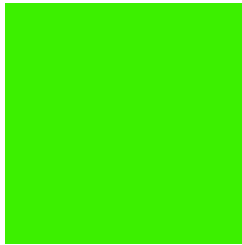
29.7044, 62.4633, -70.6782



8.8344, 18.3721, -19.4302

Previews

White Background



This preview shows how the HunterLab color 79.5493, -65.1098, 47.8780 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 79.5493, -65.1098, 47.8780 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 79.5493, -65.1098, 47.8780 Background



This preview shows how black text looks on a background with the HunterLab color 79.5493, -65.1098, 47.8780.



This preview shows how white text looks on a background with the HunterLab color 79.5493, -65.1098, 47.8780.

-65.1098, 47.8780.

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

79.5493, -65.1098, 47.8780

Protanopia

78.7079, -10.9255, 48.3082

Deuteranopia

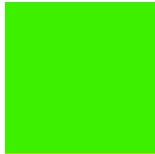
78.6238, 4.9099, 42.3623



Tritanopia

79.1856, -27.6587, -14.0004

Trichromacy



Original Color

79.5493, -65.1098, 47.8780



Protanomaly

76.9474, -37.4388, 46.7592



Deuteranomaly

76.1813, -29.7430, 43.8005



Tritanomaly

77.9219, -48.4323, 24.2363

Monochromacy



Original Color

79.5493, -65.1098, 47.8780



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

64.1225, -32.8765, 27.5524

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.5493, -65.1098, 47.8780 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(60, 240, 0)` looks like.

```
.text, #text, p{  
    color:rgb(60, 240, 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(60, 240, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 240, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 79.5493, -65.1098, 47.8780 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(60, 240, 0) }
```


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

```
.border{ border-color:rgb(60, 240, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 240, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 240, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 240, 0);  
box-shadow:4px 4px 4px 4px rgb(60, 240, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 79.5493, -65.1098, 47.8780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 240, 0) }
```

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

```
.background{ background-color: rgb(60, 240,  
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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