

Converting Colors

HunterLab(58.7651, 71.3410,
-57.9931)

Have a look what the booklet for
HunterLab(58.7651, 71.3410,
-57.9931) contains.

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Color

**HunterLab(58.7840, 71.4054,
-57.9496)**

Conversions

Conversions Part 1

Format	Color
Hex	EC66FF
RGB	236, 102, 255
RGB Percent	93%, 40%, 100%
CMY	0.0745, 0.6000, 0.0000
CMYK	0.07, 0.60, 0.00, 0.00
HSL	293°, 100%, 70%
HSV	293°, 60%, 100%
XYZ	57.3934, 34.5556, 98.2527
YIQ	159.5080, 30.7510, 75.9910

Conversions

Conversions Part 2

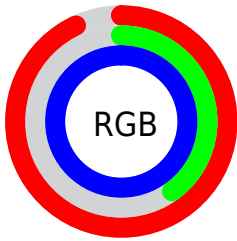
Format	Color
R _{YB}	236, 102, 255
Decimal	15492863
CIE _{Lab}	65.40, 71.75, -52.92
CIE _{LCh}	65, 89.150, 323.588
Y _{xy}	34.5570, 0.3018, 0.1817
Android (android.graphics.Color)	4293682943 (0xFFEC66FF)
YUV	159.5080, 47.0776, 67.0835
Hunter-Lab	58.7840, 71.4054, -57.9496

Details

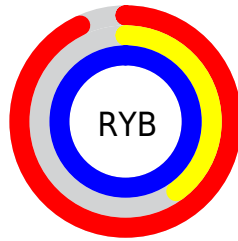
The HunterLab color **58.7840, 71.4054, -57.9496** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **87.4898, -59.1659, 44.3553**, and the grayscale version is **58.8954, -3.1425, 3.1999**.

A 20% lighter version of the original color is **73.2268, 47.0234, -30.6564**, and **38.5686, 66.9519, -57.1919** is the 20% darker color. If you saturate the color by 10%, you get **54.5480, 81.9679, -67.7852**, and if you desaturate by 10%, it is **63.9607, 59.3061, -47.2485**.

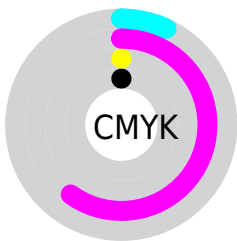
Distribution



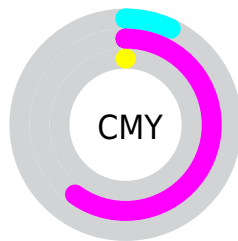
- Red (93%)
- Green (40%)
- Blue (100%)



- Red (93%)
- Yellow (40%)
- Blue (100%)



- Cyan (7%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 58.7840, 71.4054, -57.9496 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 58.7840, 71.4054, -57.9496 by changing the saturation by 10% instead.


 58.7840, 71.4054,
-57.9496


 58.7840, 71.4054,
-57.9496


179.6131, 88.0843,
-64.3333

 48.2927, 69.1153,
-57.3332


 81.7307, 75.7404,
-59.4271


 38.5115, 66.7843,
-56.9273


 94.1140, 77.7712,
-60.2012

 29.4976, 64.4833,
-56.9283


 107.0665, 79.7084,
-60.9659

 21.3231, 62.3853,
-57.7569

 120.5640, 81.5538,
-61.7082

 14.0850, 60.9473,
-60.4449

134.5854, 83.3106,
-62.4202

 7.7335, 63.8764,
-70.1967

149.1118, 84.9821,

0.0000, INF, -NF

-63.0968

0.0000, NaN, -NF

164.1261, 86.5722,
-63.7351

■ 58.7840, 71.4054,
-57.9496

■ 58.7840, 71.4054,
-57.9496

■ 54.5480, 81.9679,
-67.7852

■ 63.9607, 59.3061,
-47.2485

■ 51.3385, 90.1268,
-76.0486

■ 69.9577, 46.4225,
-36.2608

■ 49.1805, 95.1560,
-82.0846

■ 76.6584, 33.2736,
-25.3535

■ 47.9182, 97.1276,
-85.8324

■ 83.9566, 20.1719,
-14.7250

■ 47.9179, 97.1279,
-85.8332

■ 91.7624, 7.2791,
-4.4575

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



58.7852, 30.4789, -109.1429



58.7840, 71.4054, -57.9496



58.7852, 93.0873, -5.4628

Triad

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



58.7852, 71.4033, -57.9469



58.7852, 5.5933, 39.2465



58.7852, -57.8463, -33.7176

Complementary

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



58.7840, 71.4054, -57.9496



87.4898, -59.1659, 44.3553

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.



58.7852, -61.2169, 10.7167



58.7840, 71.4054, -57.9496



58.7852, -30.5725, 38.3806

Square

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



58.7852, 71.4033, -57.9469



58.7852, 49.1340, 36.7175



58.7852, -52.6628, 31.9754



58.7852, -41.8018, -89.8200

Rectangle

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



58.7840, 71.4054, -57.9496



58.7852, 90.5066, 17.7807



58.7852, -52.6628, 31.9754



58.7852, -60.2868, -16.4521

Sweetspot

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



58.7852, 71.4033, -57.9469



85.4781, 17.5763, -12.6437



49.0549, 25.2804, -83.6773



38.5239, 9.8821, -7.2543

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.7852, 71.4033, -57.9469



53.8211, 83.8218, -69.5894



59.0617, 66.7634, -16.6195



42.6371, 3.0766, -1.8324



34.7028, 70.3004, -61.8450



10.9695, 22.1341, -18.8688

Inverse Universe

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



56.6961, 56.4477, 17.0060



51.6035, 67.2476, 20.7544



87.6455, -56.8021, 31.0982



42.4544, 1.8112, 2.9744



33.4271, 57.4391, 20.0947



10.4832, 18.1183, 5.4912

Previews

White Background



This preview shows how the HunterLab color 58.7840, 71.4054, -57.9496 looks on a white background.

Color Contrast Check

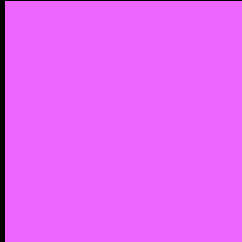
Large Text (above 18pt) WCAG AA × Fail

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 58.7840, 71.4054, -57.9496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

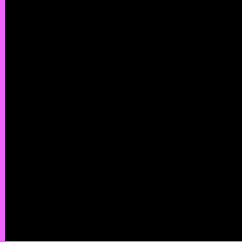
Any Text WCAG AA ✓ Pass

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 58.7840, 71.4054, -57.9496 Background



This preview shows how black text looks on a background with the HunterLab color 58.7840, 71.4054, -57.9496.



This preview shows how white text looks on a background with the HunterLab color 58.7840, 71.4054, -57.9496.

-57.9496.

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

58.7840, 71.4054, -57.9496

Protanopia

59.0922, 10.0047, -58.3370

Deuteranopia

59.1893, 4.8344, -49.9765



Tritanopia

58.4212, 29.6468, 10.1448

Trichromacy



Original Color

58.7840, 71.4054, -57.9496



Protanomaly

57.0173, 30.9375, -62.7034



Deuteranomaly

56.9100, 27.3915, -57.8235

Tritanomaly

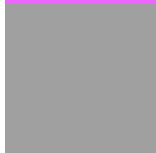
57.9211, 43.4056, -9.9686

Monochromacy



Original Color

58.7840, 71.4054, -57.9496



Achromatopsia

59.2902, -3.1636, 3.2213



Achromatomaly

57.5298, 22.8803, -17.3593

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7840, 71.4054, -57.9496 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(236, 102, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 102, 255)  
}
```

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(236, 102, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 102, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7840, 71.4054, -57.9496 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(236, 102, 255) }
```


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

```
.border{ border-color:rgb(236, 102, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 102, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 102, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 102, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 102,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.7840, 71.4054, -57.9496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 102, 255) }
```

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

```
.background{ background-color: rgb(236,  
102, 255) }
```

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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