

Converting Colors

HunterLab(78.4122, -58.9033,
35.0390)

Have a look what the booklet for
HunterLab(78.4122, -58.9033,
35.0390) contains.

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Color

**HunterLab(78.4007,
-58.9297, 35.0125)**

Conversions

Conversions Part 1

Format	Color
Hex	37EB73
RGB	55, 235, 115
RGB Percent	22%, 92%, 45%
CMY	0.7843, 0.0784, 0.5490
CMYK	0.77, 0.00, 0.51, 0.08
HSL	140°, 82%, 57%
HSV	140°, 77%, 92%
XYZ	34.3784, 61.4667, 26.2720
YIQ	167.5000, -68.7600, -75.4800

Conversions

Conversions Part 2

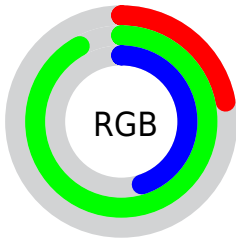
Format	Color
RYB	55, 190, 235
Decimal	3664755
CIELab	82.63, -68.88, 45.54
CIELCh	83, 82.571, 146.529
Yxy	61.4692, 0.2815, 0.5033
Android (android.graphics.Color)	4281854835 (0xFF37EB73)
YUV	167.5000, -25.8825, -98.6625
Hunter-Lab	78.4007, -58.9297, 35.0125

Details

The HunterLab color **78.4007, -58.9297, 35.0125** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **48.4673, 74.8978, -18.4396**, and the grayscale version is **62.4947, -3.3346, 3.3955**.

A 20% lighter version of the original color is **88.8672, -51.4241, 28.8161**, and **56.7448, -46.4008, 29.2400** is the 20% darker color. If you saturate the color by 10%, you get **77.8624, -61.6195, 37.8467**, and if you desaturate by 10%, it is **79.1769, -55.2191, 31.8300**.

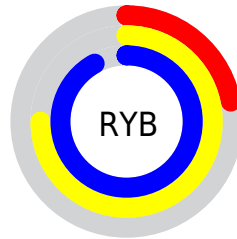
Distribution



Red (22%)

Green (92%)

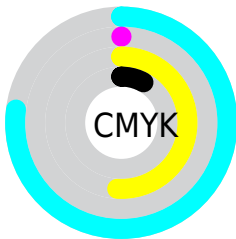
Blue (45%)



Red (22%)

Yellow (75%)

Blue (92%)

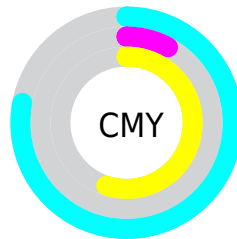


Cyan (77%)

Magenta (0%)

Yellow (51%)

Black (8%)



Cyan (78%)


Magenta (8%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 78.4007, -58.9297, 35.0125 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 78.4007, -58.9297, 35.0125 by changing the saturation by 10% instead.


 78.4007, -58.9297,
35.0125


 78.4007, -58.9297,
35.0125


207.3626,
-93.1244, 60.0143


 66.7862, -54.4684,
31.8354


 103.4205,
-67.3064, 41.0324

 55.8082, -49.7702,
28.5141


 116.7692,
-71.2771, 43.9101

 45.5079, -44.7788,
25.0171


 130.6473,
-75.1312, 46.7178

 35.9333, -39.4147,
21.3043

 145.0355,
-78.8848, 49.4660

 27.1440, -33.5638,
17.3638

159.9162,
-82.5509, 52.1631

 19.2179, -27.1313,
13.4525

175.2736,

 12.2618, -21.4581,

-86.1404, 54.8163

8.5832

191.0935,
-89.6623, 57.4317

■ 5.3962, -9.4434,
3.7774

0.0000, NaN, NaN

■ 78.4007, -58.9297,
35.0125

■ 78.4007, -58.9297,
35.0125

■ 77.8624, -61.6195,
37.8467

■ 79.1769, -55.2191,
31.8300


■ 77.5278, -63.3852,
40.3000


■ 80.2059, -50.4403,
28.3352


■ 77.4428, -63.8493,
41.0356


■ 81.5020, -44.5925,
24.5726


■ 83.0723, -37.7089,
20.5908

 84.9189, -29.8508,
16.4405

 87.0397, -21.0999,
12.1719

 89.4293, -11.5501,
7.8322

 92.0794, -1.3016,
3.4642

 93.7545, 5.3766,
-1.9644

Harmonies

Analogous

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



78.4023, -35.8889, 45.7254



78.4007, -58.9297, 35.0125



78.4023, -67.5215, 8.6016

Triad

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



78.4023, -58.9306, 35.0130



78.4023, -8.8252, -110.7566



78.4023, 77.9054, 30.5728

Complementary

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



78.4007, -58.9297, 35.0125



48.4673, 74.8978, -18.4396

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.



78.4023, 89.1429, -0.3288



78.4007, -58.9297, 35.0125



78.4023, 33.5200, -94.5058

Square

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



78.4023, -58.9306, 35.0130



78.4023, -42.5176, -85.5077



78.4023, 71.5047, -48.2561



78.4023, 43.3001, 44.2221

Rectangle

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



78.4007, -58.9297, 35.0125



78.4023, -65.5136, -19.7390



78.4023, 71.5047, -48.2561



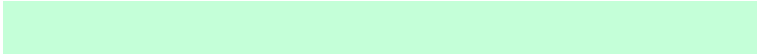
78.4023, 84.8085, 22.4791

Sweetspot

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



78.4023, -58.9306, 35.0130



93.9444, -29.5024, 16.4133



83.1627, -40.8762, 47.9517



43.0890, -15.2088, 8.3738

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.4023, -58.9306, 35.0130



85.1858, -68.8420, 43.1396



80.3093, -47.3089, 7.4037



41.1643, -6.6662, 4.2142



57.7910, -47.5175, 30.3429



16.2475, -12.9834, 7.7195

Inverse Universe

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



48.4673, 74.8978, -18.4396



49.9409, 89.2174, -16.9225



45.9349, 64.9099, 17.5236



39.0172, 2.5804, 0.1719



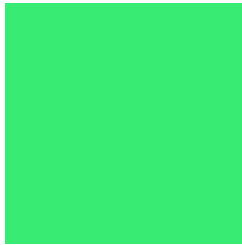
33.4708, 61.4221, -10.1726



9.4733, 17.5485, -4.1518

Previews

White Background



This preview shows how the HunterLab color 78.4007, -58.9297, 35.0125 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 78.4007, -58.9297, 35.0125 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

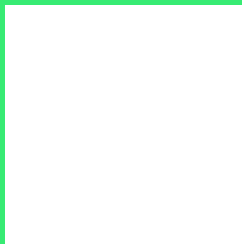
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 78.4007, -58.9297, 35.0125 Background



This preview shows how black text looks on a background with the HunterLab color 78.4007, -58.9297, 35.0125.



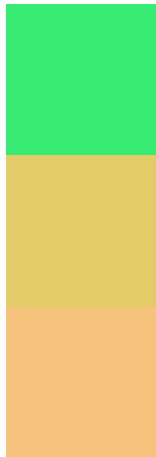
This preview shows how white text looks on a background with the HunterLab color 78.4007,

-58.9297, 35.0125.

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

78.4007, -58.9297, 35.0125

Protanopia

77.5840, -8.9029, 37.6425

Deuteranopia

77.5266, 5.2901, 33.0260



Tritanopia

77.9926, -28.8506, -14.5254

Trichromacy



Original Color

78.4007, -58.9297, 35.0125



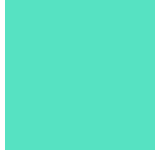
Protanomaly

75.8090, -33.5102, 35.0306



Deuteranomaly

75.3796, -26.2315, 31.7612



Tritanomaly

77.6313, -42.1071, 8.1185

Monochromacy



Original Color

78.4007, -58.9297, 35.0125



Achromatopsia

62.5758, -3.3389, 3.3999



Achromatomaly

66.6192, -28.0913, 15.2531

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.4007, -58.9297, 35.0125 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(55, 235, 115)` looks like.

```
.text, #text, p{  
    color:rgb(55, 235, 115)  
}
```

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(55, 235, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 235, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 78.4007, -58.9297, 35.0125 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(55, 235, 115) }
```


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

```
.border{ border-color:rgb(55, 235, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 235, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 235, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 235, 115);  
box-shadow:4px 4px 4px 4px rgb(55, 235,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.4007, -58.9297, 35.0125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 235, 115) }
```

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

```
.background{ background-color: rgb(55, 235,  
115) }
```

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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