

# Converting Colors

HunterLab(78.9520, -56.8621,  
33.4866)

Have a look what the booklet for  
HunterLab(78.9520, -56.8621,  
33.4866) contains.

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# Color

**HunterLab(78.8583,  
-56.7812, 33.5091)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47EB7B
RGB	71, 235, 123
RGB Percent	28%, 92%, 48%
CMY	0.7216, 0.0784, 0.5176
CMYK	0.70, 0.00, 0.48, 0.08
HSL	139°, 80%, 60%
HSV	139°, 70%, 92%
XYZ	35.8820, 62.1863, 28.8509
YIQ	173.1960, -61.7920, -69.6000

# Conversions

## Conversions Part 2

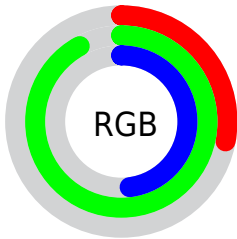
Format	Color
<a href="#">RYB</a>	<a href="#">71, 196, 235</a>
Decimal	<a href="#">4713339</a>
CIELab	<a href="#">83.01, -65.41, 42.25</a>
CIELCh	<a href="#">83, 77.871, 147.139</a>
Yxy	<a href="#">62.1889, 0.2827, 0.4900</a>
Android (android.graphics.Color)	<a href="#">4282903419 (0xFF47EB7B)</a>
YUV	<a href="#">173.1960, -24.7466, -89.6259</a>
Hunter-Lab	<a href="#">78.8583, -56.7812, 33.5091</a>

# Details

The HunterLab color **78.8583, -56.7812, 33.5091** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **50.5852, 70.4906, -20.1064**, and the grayscale version is **64.8446, -3.4599, 3.5231**.

A 20% lighter version of the original color is **89.4973, -48.5655, 26.7418**, and **56.8293, -45.8733, 27.9955** is the 20% darker color. If you saturate the color by 10%, you get **78.1639, -60.1551, 36.5695**, and if you desaturate by 10%, it is **79.8066, -52.3396, 30.0987**.

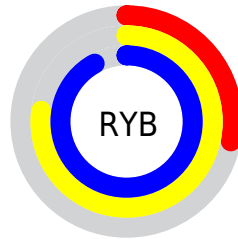
# Distribution



Red (28%)

Green (92%)

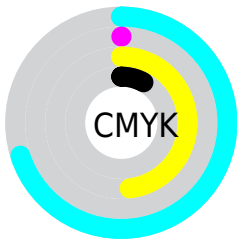
Blue (48%)



Red (28%)

Yellow (77%)

Blue (92%)

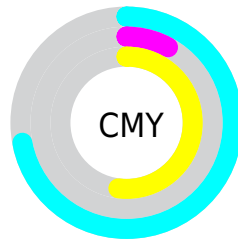


Cyan (70%)

Magenta (0%)

Yellow (48%)

Black (8%)



Cyan (72%)

Magenta (8%)


Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.8583, -56.7812, 33.5091 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 78.8583, -56.7812, 33.5091 by changing the saturation by 10% instead.





 78.8583, -56.7812,  
33.5091


 78.8583, -56.7812,  
33.5091


207.9951,  
-89.4628, 57.0709


 67.2200, -52.5392,  
30.5384


 103.9223,  
-64.7606, 39.1522

 56.2169, -48.0777,  
27.4377


 117.2916,  
-68.5494, 41.8566

 45.8898, -43.3443,  
24.1770


 131.1897,  
-72.2306, 44.4995

 36.2863, -38.2646,  
20.7171

 145.5970,  
-75.8193, 47.0904

 27.4657, -32.7312,  
17.0095

160.4963,  
-79.3276, 49.6371

 19.5047, -26.5851,  
13.6533

175.8717,

 12.5089, -21.8906,

-82.7655, 52.1459

8.7562

191.7090,  
-86.1415, 54.6223

■ 5.7762, -10.1083,  
4.0433

0.0000, NaN, NaN

■ 78.8583, -56.7812,  
33.5091

■ 78.8583, -56.7812,  
33.5091

■ 78.1639, -60.1551,  
36.5695

■ 79.8066, -52.3396,  
30.0987

■ 77.6962, -62.5190,  
39.2450


■ 81.0190, -46.8126,  
26.3779


■ 77.4134, -64.0376,  
41.5022


■ 82.5057, -40.2245,  
22.3946


■ 77.4083, -64.0653,  
41.5450


■ 84.2705, -32.6293,  
18.1998

 86.3123, -24.1042,  
13.8456

 88.6267, -14.7415,  
9.3820

 91.2061, -4.6413,  
4.8555

 93.6317, 4.7173,  
-0.2214

 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.



78.8599, -34.9151, 44.5282



78.8583, -56.7812, 33.5091



78.8599, -64.8364, 7.6912

# Triad

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



78.8599, -56.7822, 33.5096



78.8599, -7.8341, -101.8001



78.8599, 72.1149, 29.9175

# Complementary

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



78.8583, -56.7812, 33.5091



50.5852, 70.4906, -20.1064

# 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.



78.8599, 83.0707, 0.7356



78.8583, -56.7812, 33.5091



78.8599, 32.0519, -86.2750

# Square

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



78.8599, -56.7822, 33.5096



78.8599, -40.1452, -79.5127



78.8599, 67.2148, -43.6366



78.8599, 39.5895, 43.2534



# Rectangle

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



78.8583, -56.7812, 33.5091



78.8599, -62.7021, -19.1210



78.8599, 67.2148, -43.6366



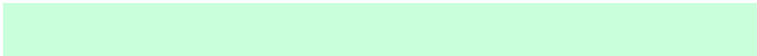
78.8599, 78.6821, 22.1867

# Sweetspot

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



78.8599, -56.7822, 33.5096



94.3846, -27.7211, 15.8220



83.6361, -38.8140, 46.6305



43.3702, -14.0541, 7.9374

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



78.8599, -56.7822, 33.5096



85.4900, -67.3174, 41.5211



80.7239, -45.4757, 6.5530



41.1593, -6.6942, 4.2860



57.7647, -47.6823, 30.7316



16.2390, -13.0366, 7.8450



# Inverse Universe

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



50.5852, 70.4906, -20.1064



51.4037, 87.1570, -21.0790



48.0734, 60.1913, 15.4700



39.0228, 2.6100, 0.0933



33.5798, 61.8131, -11.6863

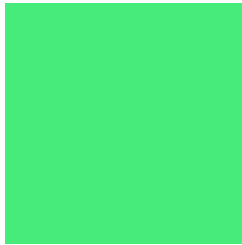


9.5014, 17.6490, -4.5389



# Previews

## White Background



This preview shows how the HunterLab color 78.8583, -56.7812, 33.5091 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 78.8583, -56.7812, 33.5091 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

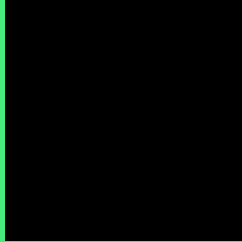
Any Text WCAG AA ✓ Pass

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 78.8583, -56.7812, 33.5091 Background



This preview shows how black text looks on a background with the HunterLab color 78.8583, -56.7812, 33.5091.



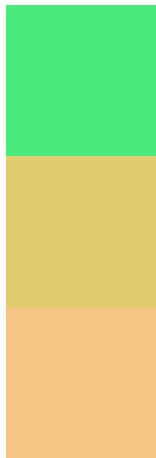
This preview shows how white text looks on a background with the HunterLab color 78.8583,

-56.7812, 33.5091.

# 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

78.8583, -56.7812, 33.5091

### Protanopia

78.0000, -8.7873, 36.2572

### Deuteranopia

77.9526, 5.5070, 31.2527



## Tritanopia

78.6440, -28.0452, -14.1813

# Trichromacy



## Original Color

78.8583, -56.7812, 33.5091



## Protanomaly

76.6862, -31.6195, 33.9253



## Deuteranomaly

75.9100, -23.9684, 30.1341



## Tritanomaly

78.3940, -40.7124, 7.6426

# Monochromacy



## Original Color

78.8583, -56.7812, 33.5091



## Achromatopsia

64.6440, -3.4492, 3.5122



## Achromatomaly

68.6153, -26.9195, 15.0134

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.8583, -56.7812, 33.5091 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(71, 235, 123)` looks like.

```
.text, #text, p{  
    color:rgb(71, 235, 123)  
}
```

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(71, 235, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 235, 123) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.8583, -56.7812, 33.5091 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(71, 235, 123) }
```



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

```
.border{ border-color:rgb(71, 235, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 235, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 235, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 235, 123);  
box-shadow:4px 4px 4px 4px rgb(71, 235,  
123) }
```

# Background

The CSS property to change the background color of an element to HunterLab 78.8583, -56.7812, 33.5091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 235, 123) }
```

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

```
.background{ background-color: rgb(71, 235,  
123) }
```

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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