

Converting Colors

HunterLab(45.0825, 58.6491,
-79.0096)

Have a look what the booklet for
HunterLab(45.0825, 58.6491,
-79.0096) contains.

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Color

**HunterLab(45.0490, 58.2500,
-78.6975)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A850EF |
| RGB | 168, 80, 239 |
| RGB Percent | 66%, 31%, 94% |
| CMY | 0.3412, 0.6863, 0.0627 |
| CMYK | 0.30, 0.67, 0.00, 0.06 |
| HSL | 273°, 83%, 63% |
| HSV | 273°, 67%, 94% |
| XYZ | 34.5971, 20.2941, 83.7550 |
| YIQ | 124.4380, 1.4090, 68.1050 |

Conversions

Conversions Part 2

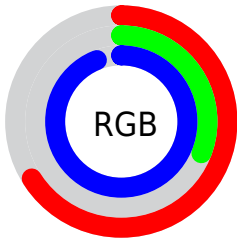
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 168, 80, 239 |
| Decimal | 11030767 |
| CIE Lab | 52.17, 63.17, -65.72 |
| CIE LCh | 52, 91.158, 313.869 |
| Yxy | 20.2949, 0.2495, 0.1464 |
| Android (android.graphics.Color) | 4289220847 (0xFFA850EF) |
| YUV | 124.4380, 56.4791, 38.2039 |
| Hunter-Lab | 45.0490, 58.2500, -78.6975 |

Details

The HunterLab color $45.0490, 58.2500, -78.6975$ is a light color, and the websafe version is hex $9933CC$. The color can be described as light muted purple. A complement of this color would be $83.0010, -48.3102, 44.8775$, and the grayscale version is $44.8530, -2.3932, 2.4369$.

A 20% lighter version of the original color is $63.9366, 51.1330, -47.4396$, and $26.7547, 53.9675, -80.6429$ is the 20% darker color. If you saturate the color by 10%, you get $40.3382, 66.4462, -94.0086$, and if you desaturate by 10%, it is $50.6538, 48.9156, -63.5156$.

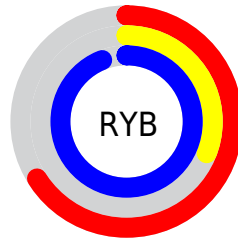
Distribution



Red (66%)

Green (31%)

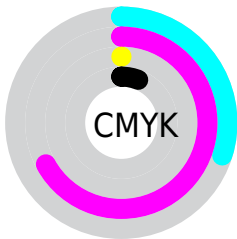
Blue (94%)



Red (66%)

Yellow (31%)

Blue (94%)

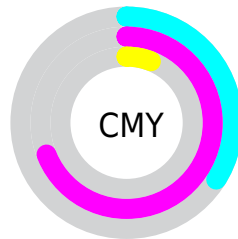


Cyan (30%)

Magenta (67%)

Yellow (0%)

Black (6%)



Cyan (34%)


Magenta (69%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.0490, 58.2500, -78.6975 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 45.0490, 58.2500, -78.6975 by changing the saturation by 10% instead.


 45.0490, 58.2500,
-78.6975


 45.0490, 58.2500,
-78.6975


159.2190, 73.7608,
-84.9913


 35.5099, 56.0792,
-79.1125


 66.2654, 62.3614,
-79.3172


 26.7586, 53.8978,
-80.5630


 77.8528, 64.2722,
-79.9794


 18.8746, 51.8574,
-84.0674

 90.0465, 66.0833,
-80.7506

 11.9666, 50.3980,
-92.2846

 102.8178, 67.7971,
-81.5808

 4.9002, 69.8779,
-147.0762

 116.1415, 69.4174,
-82.4379

0.0000, INF, -NF

0.0000, NaN, -NF

129.9956, 70.9486,

-83.3007

0.0000, NaN, -NF

144.3607, 72.3949,
-84.1551

0.0000, NaN, -NF

■ 45.0490, 58.2500,
-78.6975

■ 45.0490, 58.2500,
-78.6975

■ 40.3382, 66.4462,
-94.0086

■ 50.6538, 48.9156,
-63.5156

■ 36.6709, 72.4776,
-108.1665

■ 56.9931, 39.1518,
-49.1484

■ 34.1254, 75.3450,
-119.5335

■ 63.9328, 29.3496,
-35.8225

■ 33.4068, 75.8645,
-123.0189

■ 71.3655, 19.6881,
-23.5242

■ 79.2084, 10.2295,
-12.1394

87.3982, 0.9781,
-1.5269

95.8861, -8.0867,
8.4485

99.3509, -8.5955,
12.3355

99.5048, -8.0555,
12.5152

Harmonies

Analogous

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



45.0498, 15.9441, -125.1302



45.0490, 58.2500, -78.6975



45.0498, 88.3174, -20.6919

Triad

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



45.0498, 58.2498, -78.6956



45.0498, 19.1110, 31.3161



45.0498, -52.7554, -16.9701

Complementary

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



45.0490, 58.2500, -78.6975



83.0010, -48.3102, 44.8775

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.



45.0498, -52.3988, 17.4931



45.0490, 58.2500, -78.6975



45.0498, -18.2205, 31.4019

Square

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



45.0498, 58.2498, -78.6956



45.0498, 61.2033, 28.6576



45.0498, -41.8644, 29.0432



45.0498, -43.0751, -74.1653

Rectangle

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



45.0490, 58.2500, -78.6975



45.0498, 92.8029, 6.7829



45.0498, -41.8644, 29.0432



45.0498, -53.6779, -2.3564

Sweetspot

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



45.0498, 58.2498, -78.6956



82.2189, 14.5921, -17.3055



54.9988, 1.2608, -54.1210



36.9361, 8.0794, -9.6041

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.0498, 58.2498, -78.6956



41.7976, 74.2947, -107.1452



54.6451, 77.1594, -47.0453



39.5727, 1.7180, -2.1369



24.9928, 56.5803, -90.6650



7.6065, 16.7928, -24.2819

Inverse Universe

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



51.3058, 63.4762, -1.1086



50.5800, 78.4561, 2.5003



80.0891, -60.0661, 41.4718



39.8449, 2.2456, 1.2493



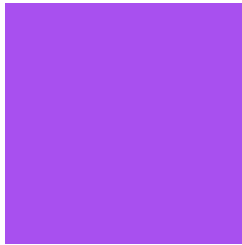
32.7871, 58.0061, 6.7897



9.5606, 17.1091, 0.4695

Previews

White Background



This preview shows how the HunterLab color 45.0490, 58.2500, -78.6975 looks on a white background.

Color Contrast Check

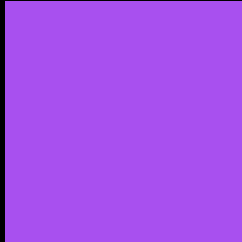
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.0490, 58.2500, -78.6975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

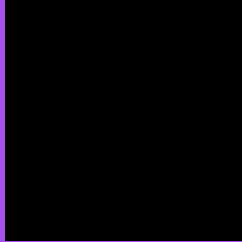
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 45.0490, 58.2500, -78.6975 Background



This preview shows how black text looks on a background with the HunterLab color 45.0490, 58.2500, -78.6975.



This preview shows how white text looks on a background with the HunterLab color 45.0490, 58.2500, -78.6975.

-78.6975.

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

45.0490, 58.2500, -78.6975

Protanopia

45.4455, 17.7476, -95.1150

Deuteranopia

45.3438, 3.4898, -64.2092



Tritanopia

44.9160, 8.7460, 2.2191

Trichromacy



Original Color

45.0490, 58.2500, -78.6975



Protanomaly

42.3495, 27.3624, -98.8984



Deuteranomaly

42.1914, 17.7318, -77.8619



Tritanomaly

44.0707, 25.1498, -20.9386

Monochromacy



Original Color

45.0490, 58.2500, -78.6975



Achromatopsia

44.8950, -2.3955, 2.4392



Achromatomaly

43.6506, 17.9134, -21.7912

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.0490, 58.2500, -78.6975 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(168, 80, 239)` looks like.

```
.text, #text, p{  
    color:rgb(168, 80, 239)  
}
```

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(168, 80, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 80, 239) }
```

Border

The CSS property to change the border of an element to HunterLab 45.0490, 58.2500, -78.6975 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(168, 80, 239) }
```


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

```
.border{ border-color:rgb(168, 80, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 80, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 80, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 80, 239);  
box-shadow:4px 4px 4px 4px rgb(168, 80,  
239) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.0490, 58.2500, -78.6975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 80, 239) }
```

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

```
.background{ background-color: rgb(168, 80,  
239) }
```

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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