

Converting Colors

HunterLab(45.1875, 48.6589,
-63.8337)

Have a look what the booklet for
HunterLab(45.1875, 48.6589,
-63.8337) contains.

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Color

**HunterLab(45.1875, 48.6589,
-63.8337)**

Conversions

Conversions Part 1

Format	Color
Hex	A459E0
RGB	164, 89, 224
RGB Percent	64%, 35%, 88%
CMY	0.3569, 0.6510, 0.1216
CMYK	0.27, 0.60, 0.00, 0.12
HSL	273°, 69%, 61%
HSV	273°, 60%, 88%
XYZ	32.3368, 20.4191, 72.7580
YIQ	126.8150, 1.3650, 57.8850

Conversions

Conversions Part 2

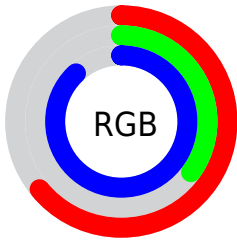
Format	Color
RYB	164, 89, 224
Decimal	10770912
CIELab	52.31, 54.62, -57.08
CIELCh	52, 79.003, 313.739
Yxy	20.4199, 0.2576, 0.1627
Android (android.graphics.Color)	4288960992 (0xFFA459E0)
YUV	126.8150, 47.9122, 32.6112
Hunter-Lab	45.1875, 48.6589, -63.8337

Details

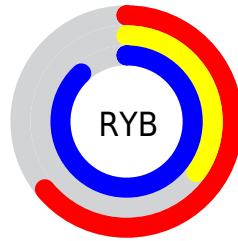
The HunterLab color **45.1875, 48.6589, -63.8337** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **77.7319, -42.2166, 39.9496**, and the grayscale version is **45.8148, -2.4446, 2.4892**.

A 20% lighter version of the original color is **64.8811, 45.6064, -45.6771**, and **26.9760, 44.6563, -64.0179** is the 20% darker color. If you saturate the color by 10%, you get **40.2787, 57.0264, -77.9892**, and if you desaturate by 10%, it is **50.8259, 39.6967, -50.2519**.

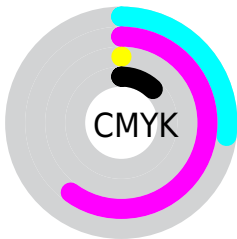
Distribution



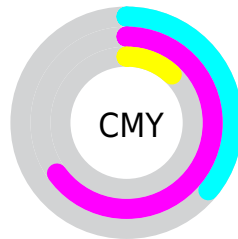
- Red (64%)
- Green (35%)
- Blue (88%)



- Red (64%)
- Yellow (35%)
- Blue (88%)



- Cyan (27%)
- Magenta (60%)
- Yellow (0%)
- Black (12%)



- Cyan (36%)
- Magenta (65%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.1875, 48.6589, -63.8337 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 45.1875, 48.6589, -63.8337 by changing the saturation by 10% instead.

45.1875, 48.6589,
-63.8337

45.1875, 48.6589,
-63.8337

159.4300, 61.7773,
-70.3359

35.6379, 46.7050,
-63.7073

66.4229, 52.2598,
-64.9486

26.8751, 44.6812,
-64.2335

78.0190, 53.9006,
-65.6948

18.9783, 42.6738,
-66.0867

90.2210, 55.4389,
-66.4855

12.0557, 40.9535,
-71.0276

103.0001, 56.8799,
-67.2896

5.0555, 55.0838,
-107.6484

116.3314, 58.2291,
-68.0871

0.0000, INF, -NF

0.0000, NaN, -NF

130.1928, 59.4918,

-68.8657

0.0000, NaN, -NF

144.5649, 60.6730,
-69.6170

0.0000, NaN, NaN

■ 45.1875, 48.6589,
-63.8337

■ 45.1875, 48.6589,
-63.8337

■ 40.2787, 57.0264,
-77.9892

■ 50.8259, 39.6967,
-50.2519

■ 36.2435, 64.0361,
-91.9103

■ 57.0590, 30.5954,
-37.5838

■ 33.2080, 68.6931,
-104.2446

■ 63.7800, 21.5789,
-25.8781

■ 31.1453, 70.6166,
-113.8207

■ 70.9053, 12.7360,
-15.0545

■ 78.3706, 4.0861,
-4.9887

■ 86.1265, -4.3831,
4.4467

■ 94.1349, -12.6962,
13.3659

■ 98.0161, -14.1827,
17.4903

■ 98.9432, -10.8895,
18.5189

Harmonies

Analogous

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



45.1884, 13.1977, -99.7962



45.1875, 48.6589, -63.8337



45.1884, 73.4020, -17.2592

Triad

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



45.1884, 48.6585, -63.8319



45.1884, 16.1973, 30.3153



45.1884, -48.0936, -13.8228

Complementary

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



45.1875, 48.6589, -63.8337



77.7319, -42.2166, 39.9496

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.



45.1884, -47.7078, 16.0036



45.1875, 48.6589, -63.8337



45.1884, -16.1566, 30.3985

Square

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



45.1884, 48.6585, -63.8319



45.1884, 51.3759, 27.1340



45.1884, -37.6550, 27.6390



45.1884, -38.9157, -59.8625

Rectangle

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



45.1875, 48.6589, -63.8337



45.1884, 77.1284, 6.1234



45.1884, -37.6550, 27.6390



45.1884, -48.9785, -1.5390

Sweetspot

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



45.1884, 48.6585, -63.8319



83.9430, 12.5919, -14.8769



54.0734, -0.7413, -44.0179



37.6851, 7.1972, -8.5119

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.1884, 48.6585, -63.8319



45.5057, 68.0559, -94.0340



52.9296, 65.4389, -39.9652



36.9010, 1.5807, -1.9580



23.9071, 54.0445, -86.1230



6.7009, 14.7158, -20.7883

Inverse Universe

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



50.1623, 53.6222, -1.7594



53.0258, 73.0562, 0.2569



75.0171, -53.0531, 36.5972



37.1501, 2.0586, 1.1803



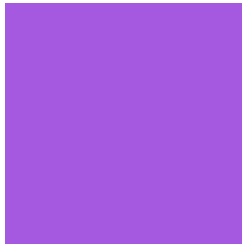
31.2685, 55.3164, 6.4982



8.3398, 14.9553, 0.1708

Previews

White Background



This preview shows how the HunterLab color 45.1875, 48.6589, -63.8337 looks on a white background.

Color Contrast Check

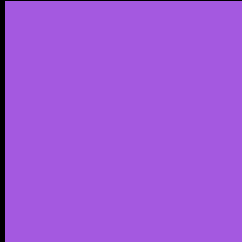
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.1875, 48.6589, -63.8337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

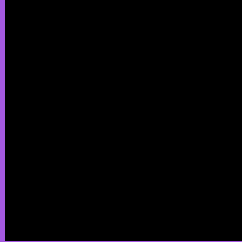
Any Text WCAG AA ✓ Pass

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 45.1875, 48.6589, -63.8337 Background



This preview shows how black text looks on a background with the HunterLab color 45.1875, 48.6589, -63.8337.



This preview shows how white text looks on a background with the HunterLab color 45.1875, 48.6589, -63.8337.

-63.8337.

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

45.1875, 48.6589, -63.8337

Protanopia

45.5868, 18.1757, -94.6379

Deuteranopia

45.3978, 4.1921, -56.7985



Tritanopia

45.2017, 8.4052, 2.1095

Trichromacy



Original Color

45.1875, 48.6589, -63.8337



Protanomaly

43.3688, 24.5164, -89.8555



Deuteranomaly

43.8770, 17.6198, -63.2145



Tritanomaly

44.6053, 21.6493, -17.5712

Monochromacy



Original Color

45.1875, 48.6589, -63.8337



Achromatopsia

46.0685, -2.4581, 2.5030



Achromatomaly

44.7150, 14.5292, -17.5167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.1875, 48.6589, -63.8337 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(164, 89, 224)` looks like.

```
.text, #text, p{  
    color:rgb(164, 89, 224)  
}
```

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(164, 89, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 89, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 45.1875, 48.6589, -63.8337 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(164, 89, 224) }
```


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

```
.border{ border-color:rgb(164, 89, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 89, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 89, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 89, 224);  
box-shadow:4px 4px 4px 4px rgb(164, 89,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.1875, 48.6589, -63.8337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 89, 224) }
```

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

```
.background{ background-color: rgb(164, 89,  
224) }
```

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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