

# Converting Colors

HunterLab(18.5084, 25.0722,  
-16.4618)

Have a look what the booklet for  
HunterLab(18.5084, 25.0722,  
-16.4618) contains.

<b>HunterLab(18.5389, 25.1308, -16.2932)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(18.5389, 25.1308,  
-16.2932)**

# Conversions

## Conversions Part 1

Format	Color
Hex	571A56
RGB	87, 26, 86
RGB Percent	34%, 10%, 34%
CMY	0.6588, 0.8980, 0.6627
CMYK	0.00, 0.70, 0.01, 0.66
HSL	301°, 54%, 22%
HSV	301°, 70%, 34%
XYZ	5.9796, 3.4369, 9.1523
YIQ	51.0790, 17.0960, 31.5920

# Conversions

## Conversions Part 2

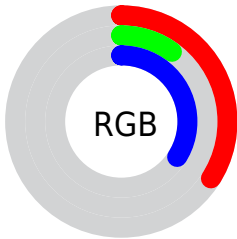
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 26, 86
Decimal	5708374
CIE <sub>Lab</sub>	21.72, 36.29, -22.58
CIE <sub>LCh</sub>	22, 42.747, 328.109
Yxy	3.4371, 0.3220, 0.1851
Android (android.graphics.Color)	4283898454 (0xFF571A56)
YUV	51.0790, 17.2161, 31.5027
Hunter-Lab	18.5389, 25.1308, -16.2932

# Details

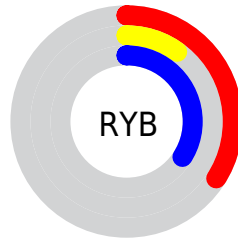
The HunterLab color **18.5389, 25.1308, -16.2932** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **26.6745, -19.6978, 13.7867**, and the grayscale version is **18.1618, -0.9691, 0.9868**.

A 20% lighter version of the original color is **35.0695, 28.2485, -17.2752**, and **7.9468, 15.6236, -10.4813** is the 20% darker color. If you saturate the color by 10%, you get **17.6244, 27.9977, -18.1663**, and if you desaturate by 10%, it is **19.7107, 21.7291, -14.0477**.

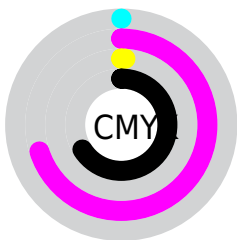
# Distribution



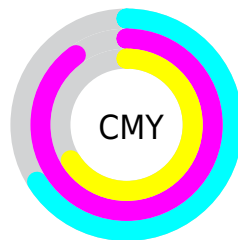
- Red (34%)
- Green (10%)
- Blue (34%)



- Red (34%)
- Yellow (10%)
- Blue (34%)



- Cyan (0%)
- Magenta (70%)
- Yellow (1%)
- Black (66%)



- Cyan (66%)
- Magenta (90%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5389, 25.1308, -16.2932 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 18.5389, 25.1308, -16.2932 by changing the saturation by 10% instead.



18.5389, 25.1308,  
-16.2932

18.5389, 25.1308,  
-16.2932

115.5257, 35.2086,  
-19.0919

11.6788, 23.4778,  
-15.9014

35.0956, 28.1731,  
-17.2808

4.3580, 36.9005,  
-24.7158

44.6011, 29.5016,  
-17.7211

0.0000, INF, -NF

54.8372, 30.7067,  
-18.1012

0.0000, NaN, NaN

65.7549, 31.7982,  
-18.4184

0.0000, NaN, NaN

77.3141, 32.7860,  
-18.6736

0.0000, NaN, NaN

89.4810, 33.6786,

0.0000, NaN, NaN

-18.8690

0.0000, NaN, NaN

102.2266, 34.4839,  
-19.0075

18.5389, 25.1308,  
-16.2932

18.5389, 25.1308,  
-16.2932

17.6244, 27.9977,  
-18.1663

19.7107, 21.7291,  
-14.0477

16.9715, 30.1680,  
-19.5613

21.1186, 17.9853,  
-11.5590

16.4052, 32.1481,  
-20.8229

22.7382, 14.0619,  
-8.9360

24.5436, 10.0788,  
-6.2605

26.5106, 6.1140,  
-3.5862

■ 28.6177, 2.2122,  
-0.9445

■ 30.8465, -1.6050,  
1.6486

■ 33.1817, -5.3308,  
4.1872

■ 35.6102, -8.9667,  
6.6714

# Harmonies

## Analogous

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



18.5393, 12.2081, -34.2150



18.5389, 25.1308, -16.2932



18.5393, 30.8965, 0.2132

# Triad

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



18.5393, 25.1300, -16.2925



18.5393, -0.1643, 12.9775



18.5393, -18.1922, -13.9113

# Complementary

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



18.5389, 25.1308, -16.2932



26.6745, -19.6978, 13.7867

# 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.



18.5393, -19.8425, 1.7713



18.5389, 25.1308, -16.2932



18.5393, -11.2919, 12.9775

# Square

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



18.5393, 25.1300, -16.2925



18.5393, 14.0235, 12.7212



18.5393, -17.7037, 9.6495



18.5393, -12.3619, -32.2975



# Rectangle

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



18.5389, 25.1308, -16.2932



18.5393, 28.9779, 6.9486



18.5393, -17.7037, 9.6495



18.5393, -19.1703, -7.9284

# Sweetspot

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



18.5393, 25.1300, -16.2925



34.2173, 8.7926, -5.2290



12.8323, 12.5393, -33.5348



16.7007, 4.7379, -2.8495



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823



# Same Dimension

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



18.5393, 25.1300, -16.2925



22.4255, 38.5481, -25.0042



17.4804, 20.7335, -1.7750



14.6618, 0.8602, -0.3015



20.3936, 39.9604, -25.8583



48.3215, 94.6627, -61.1045



# Inverse Universe

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



18.5393, 25.1300, -16.2925



22.4255, 38.5481, -25.0042



27.0677, -17.2941, 8.0393



14.6618, 0.8602, -0.3015



20.3936, 39.9604, -25.8583



48.3215, 94.6627, -61.1045



# Previews

## White Background



This preview shows how the HunterLab color 18.5389, 25.1308, -16.2932 looks on a white 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



# Black Background



This preview shows how the HunterLab color 18.5389, 25.1308, -16.2932 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

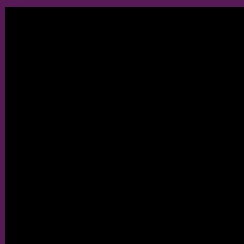
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

## HunterLab 18.5389, 25.1308, -16.2932 Background



This preview shows how black text looks on a background with the HunterLab color 18.5389, 25.1308, -16.2932.



This preview shows how white text looks on a background with the HunterLab color 18.5389, 25.1308, -16.2932.



# 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

18.5389, 25.1308, -16.2932

### Protanopia

18.6908, 5.4757, -35.1822

### Deuteranopia

18.9387, 1.0969, -13.3016



## Tritanopia

18.6704, 12.0179, 4.4571

# Trichromacy



## Original Color

18.5389, 25.1308, -16.2932

## Protanomaly

17.0370, 9.7115, -32.1783

## Deuteranomaly

17.8691, 9.2468, -15.9807

## Tritanomaly

18.4463, 16.5538, -1.6430

# Monochromacy



## Original Color

18.5389, 25.1308, -16.2932

## Achromatopsia

18.1947, -0.9708, 0.9886

## Achromatomaly

17.6524, 8.2184, -5.2703

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 18.5389, 25.1308, -16.2932 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(87, 26, 86)` looks like.

```
.text, #text, p{  
    color:rgb(87, 26, 86)  
}
```

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(87, 26, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 26, 86) }
```

## Border

The CSS property to change the border of an element to HunterLab 18.5389, 25.1308, -16.2932 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(87, 26, 86) }
```



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

```
.border{ border-color:rgb(87, 26, 86) }
```

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

Here you see how a box with a 4 pixel rgb(87, 26, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 26, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 26, 86);  
box-shadow:4px 4px 4px 4px rgb(87, 26, 86)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 18.5389, 25.1308, -16.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 26, 86) }
```

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

```
.background{ background-color: rgb(87, 26,  
86) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor