

# Converting Colors

HunterLab(18.7009, 38.6139,  
-38.9852)

Have a look what the booklet for  
HunterLab(18.7009, 38.6139,  
-38.9852) contains.

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# Color

**HunterLab(18.7433, 38.7023,  
-39.0799)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C0073
RGB	92, 0, 115
RGB Percent	36%, 0%, 45%
CMY	0.6392, 1.0000, 0.5490
CMYK	0.20, 1.00, 0.00, 0.55
HSL	288°, 100%, 23%
HSV	288°, 100%, 45%
XYZ	7.5081, 3.5131, 16.5020
YIQ	40.6180, 17.9170, 55.2690

# Conversions

## Conversions Part 2

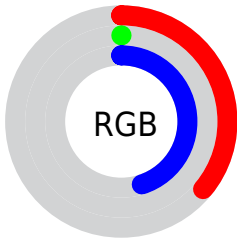
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 0, 115
Decimal	6029427
CIELab	21.99, 50.78, -41.13
CIElCh	22, 65.346, 320.994
Yxy	3.5133, 0.2728, 0.1276
Android (android.graphics.Color)	4284219507 (0xFF5C0073)
YUV	40.6180, 36.6703, 45.0620
Hunter-Lab	18.7433, 38.7023, -39.0799

# Details

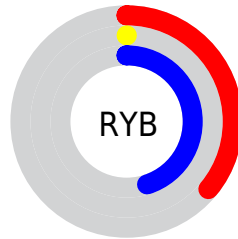
The HunterLab color **18.7433, 38.7023, -39.0799** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **35.2756, -28.9215, 21.2302**, and the grayscale version is **14.6484, -0.7816, 0.7959**.

A 20% lighter version of the original color is **35.3457, 42.6799, -39.6148**, and **9.4106, 20.2956, -26.3196** is the 20% darker color. If you saturate the color by 10%, you get **18.7434, 38.7024, -39.0797**, and if you desaturate by 10%, it is **19.7091, 36.7590, -36.0047**.

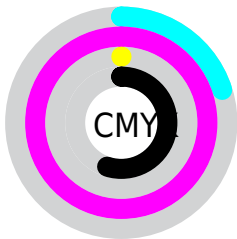
# Distribution



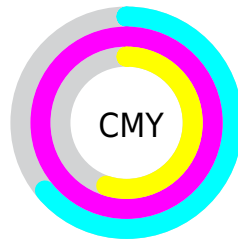
- Red (36%)
- Green (0%)
- Blue (45%)



- Red (36%)
- Yellow (0%)
- Blue (45%)



- Cyan (20%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (64%)
- Magenta (100%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7433, 38.7023, -39.0799 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 18.7433, 38.7023, -39.0799 by changing the saturation by 10% instead.



18.7433, 38.7023,  
-39.0799

18.7433, 38.7023,  
-39.0799

115.9013, 53.2571,  
-43.8077

11.8541, 36.9446,  
-40.3279

35.3482, 42.5874,  
-39.4077

4.6963, 52.8635,  
-61.2489

44.8747, 44.4301,  
-39.9977

0.0000, INF, -NF

0.0000, NaN, -NF

55.1302, 46.1644,  
-40.6627

0.0000, NaN, NaN

66.0662, 47.7875,  
-41.3447

0.0000, NaN, NaN

77.6426, 49.3026,  
-42.0131

0.0000, NaN, NaN

0.0000, NaN, NaN

89.8259, 50.7152,

-42.6517

0.0000, NaN, NaN

102.5871, 52.0314,  
-43.2515

18.7433, 38.7023,  
-39.0799

18.7433, 38.7023,  
-39.0799

18.7434, 38.7024,  
-39.0797

19.7091, 36.7590,  
-36.0047

20.9052, 34.1866,  
-32.5212

22.4898, 30.6134,  
-28.3660

24.4343, 26.3554,  
-23.8395

26.6971, 21.7047,  
-19.1908

■ 29.2343, 16.8779,  
-14.5857

■ 32.0056, 12.0136,  
-10.1148

■ 34.9763, 7.1897,  
-5.8167

■ 38.1177, 2.4439,  
-1.6981

# Harmonies

## Analogous

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



18.7437, 14.6803, -74.0538



18.7433, 38.7023, -39.0799



18.7437, 53.3628, -5.5798

# Triad

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



18.7437, 38.7019, -39.0789



18.7437, 5.3380, 13.1206



18.7437, -24.9469, -17.1433

# Complementary

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



18.7433, 38.7023, -39.0799



35.2756, -28.9215, 21.2302

# 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.



18.7437, -25.7681, 5.8499



18.7433, 38.7023, -39.0799



18.7437, -12.7829, 13.1206

# Square

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



18.7437, 38.7019, -39.0789



18.7437, 29.4806, 13.1206



18.7437, -22.3584, 13.1206



18.7437, -19.4475, -54.5720



# Rectangle

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



18.7433, 38.7023, -39.0799



18.7437, 52.9179, 6.6958



18.7437, -22.3584, 13.1206



18.7437, -25.6765, -7.2830

# Sweetspot

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



18.7437, 38.7019, -39.0789



42.5251, 16.5902, -14.0006



13.6041, 20.8175, -61.9422



20.1528, 9.1658, -7.8066



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704



# Same Dimension

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



18.7437, 38.7019, -39.0789



24.9709, 51.6396, -52.6713



20.5707, 38.0788, -8.8132



19.2944, 1.0049, -0.6622



20.0183, 41.3507, -41.8600



43.7771, 90.7214, -93.8168



# Inverse Universe

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



19.2530, 33.2918, 9.9499



25.7313, 44.4317, 13.7893



35.1851, -28.9697, 18.5591



19.2659, 0.6688, 1.1588



20.5786, 35.5718, 10.7375

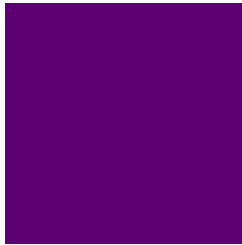


45.3163, 78.1132, 25.3462



# Previews

## White Background



This preview shows how the HunterLab color 18.7433, 38.7023, -39.0799 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 18.7433, 38.7023, -39.0799 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

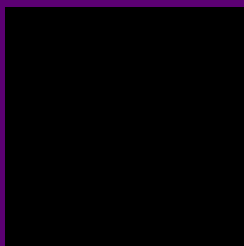
Any Text WCAG AA × Fail

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 18.7433, 38.7023, -39.0799 Background



This preview shows how black text looks on a background with the HunterLab color 18.7433, 38.7023, -39.0799.



This preview shows how white text looks on a background with the HunterLab color 18.7433, 38.7023, -39.0799.

-39.0799.

# 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

18.7433, 38.7023, -39.0799

### Protanopia

19.6879, 5.5627, -36.6164

### Deuteranopia

19.9141, -0.2323, -24.3893



## Tritanopia

19.7079, 10.3589, 3.9127

# Trichromacy



## Original Color

18.7433, 38.7023, -39.0799

## Protanomaly

16.4475, 17.8157, -48.0220

## Deuteranomaly

16.3923, 13.6758, -38.9791

## Tritanomaly

18.2347, 21.4083, -8.3236

# Monochromacy



## Original Color

18.7433, 38.7023, -39.0799

## Achromatopsia

14.8909, -0.7945, 0.8091

## Achromatomaly

14.5492, 14.7343, -13.0631

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 18.7433, 38.7023, -39.0799 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(92, 0, 115)` looks like.

```
.text, #text, p{  
    color:rgb(92, 0, 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(92, 0, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 0, 115) }
```

## Border

The CSS property to change the border of an element to HunterLab 18.7433, 38.7023, -39.0799 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(92, 0, 115) }
```



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

```
.border{ border-color:rgb(92, 0, 115) }
```

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

Here you see how a box with a 4 pixel rgb(92, 0, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 0, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 0, 115);  
box-shadow:4px 4px 4px 4px rgb(92, 0, 115)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 18.7433, 38.7023, -39.0799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 0, 115) }
```

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

```
.background{ background-color: rgb(92, 0,  
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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