

# Converting Colors

HunterLab(37.4326, 57.6800,  
-63.1364)

Have a look what the booklet for  
HunterLab(37.4326, 57.6800,  
-63.1364) contains.

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# Color

**HunterLab(37.4598, 57.9393,  
-63.3641)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E35C9
RGB	158, 53, 201
RGB Percent	62%, 21%, 79%
CMY	0.3804, 0.7921, 0.2118
CMYK	0.21, 0.74, 0.00, 0.21
HSL	283°, 58%, 50%
HSV	283°, 74%, 79%
XYZ	25.9163, 14.0324, 56.6010
YIQ	101.2670, 15.0720, 68.2880

# Conversions

## Conversions Part 2

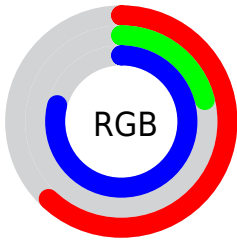
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	158, 53, 201
Decimal	10368457
CIE Lab	44.28, 64.40, -56.88
CIE LCh	44, 85.924, 318.548
Yxy	14.0329, 0.2684, 0.1453
Android (android.graphics.Color)	4288558537 (0xFF9E35C9)
YUV	101.2670, 49.1684, 49.7548
Hunter-Lab	37.4598, 57.9393, -63.3641

# Details

The HunterLab color  $[37.4598, 57.9393, -63.3641]$  is a dark color, and the websafe version is hex  $9933CC$ . The color can be described as middle muted purple. A complement of this color would be  $[66.7214, -46.2590, 37.3102]$ , and the grayscale version is  $[35.9927, -1.9205, 1.9556]$ .

A 20% lighter version of the original color is  $[57.4202, 60.9936, -61.2386]$ , and  $[22.0046, 47.1146, -58.8889]$  is the 20% darker color. If you saturate the color by 10%, you get  $[34.6273, 63.4453, -72.1677]$ , and if you desaturate by 10%, it is  $[41.0749, 50.7086, -53.5658]$ .

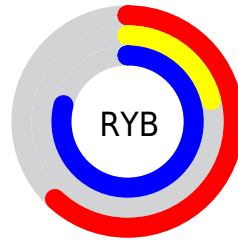
# Distribution



Red (62%)

Green (21%)

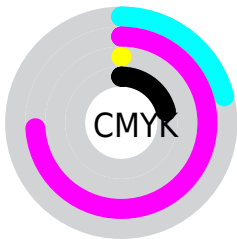
Blue (79%)



Red (62%)

Yellow (21%)

Blue (79%)

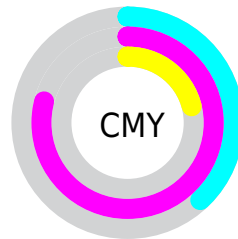


Cyan (21%)

Magenta (74%)

Yellow (0%)

Black (21%)



Cyan (38%)

Magenta (79%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4598, 57.9393, -63.3641 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 37.4598, 57.9393, -63.3641 by changing the saturation by 10% instead.



37.4598, 57.9393,  
-63.3641

37.4598, 57.9393,  
-63.3641

147.4569, 74.4063,  
-69.4370

28.5369, 55.7324,  
-63.7081

57.5738, 62.2421,  
-64.0980

20.4620, 53.6392,  
-65.1855

68.6596, 64.2667,  
-64.7748

13.3367, 52.0271,  
-69.2120

80.3776, 66.1931,  
-65.5335

6.8836, 56.9458,  
-86.0113

92.6955, 68.0206,  
-66.3283

0.0000, INF, -NF

0.0000, NaN, -NF

105.5854, 69.7518,  
-67.1308

0.0000, NaN, -NF

119.0228, 71.3904,

0.0000, NaN, NaN

-67.9234

0.0000, NaN, NaN

132.9864, 72.9404,  
-68.6946

■ 37.4598, 57.9393,  
-63.3641

■ 37.4598, 57.9393,  
-63.3641

■ 34.6273, 63.4453,  
-72.1677

■ 41.0749, 50.7086,  
-53.5658

■ 32.6198, 66.5615,  
-79.1730

■ 45.3786, 42.4644,  
-43.4935

■ 31.6565, 67.5337,  
-82.8060

■ 50.2689, 33.7482,  
-33.6090

■ 55.6510, 24.9010,  
-24.1442

■ 61.4450, 16.1074,  
-15.1765

■ 67.5863, 7.4520,  
-6.6988

■ 74.0234, -1.0373,  
1.3346

■ 80.7157, -9.3623,  
8.9823

■ 87.6310, -17.5382,  
16.3035

# Harmonies

## Analogous

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



37.4605, 20.2399, -111.0397



37.4598, 57.9393, -63.3641



37.4605, 81.9890, -11.9314

# Triad

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



37.4605, 57.9387, -63.3623



37.4605, 11.3579, 26.2224



37.4605, -44.9952, -22.4980

# Complementary

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



37.4598, 57.9393, -63.3641



66.7214, -46.2590, 37.3102

# 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.



37.4605, -45.9325, 12.1000



37.4598, 57.9393, -63.3641



37.4605, -20.0218, 26.2224

# Square

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



37.4605, 57.9387, -63.3623



37.4605, 49.5436, 24.9007



37.4605, -38.5134, 23.9787



37.4605, -35.2700, -76.5269



# Rectangle

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



37.4598, 57.9393, -63.3641



37.4605, 82.9640, 9.9037



37.4605, -38.5134, 23.9787



37.4605, -46.1849, -8.0167

# Sweetspot

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



37.4605, 57.9387, -63.3623



81.4368, 19.5669, -18.3555



36.8755, 14.4814, -65.8713



36.6818, 10.5062, -9.9436

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



37.4605, 57.9387, -63.3623



43.7049, 85.7248, -99.9133



42.3316, 64.0157, -27.0386



32.6434, 1.7737, -1.4999



25.1988, 53.6758, -65.2826



5.8001, 12.0974, -13.0312



# Inverse Universe

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



39.7601, 53.7542, 8.9384



48.0208, 78.8543, 17.3682



65.6878, -50.0047, 32.2869



32.6907, 1.5357, 1.6426



28.3130, 49.2236, 12.5840



6.2644, 11.0908, 1.2350



# Previews

## White Background



This preview shows how the HunterLab color 37.4598, 57.9393, -63.3641 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

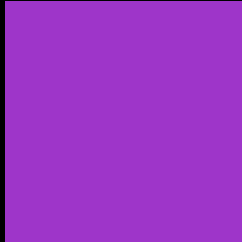
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 37.4598, 57.9393, -63.3641 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

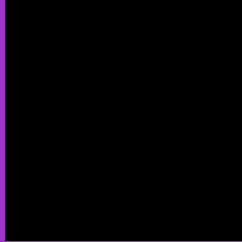
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# HunterLab 37.4598, 57.9393, -63.3641 Background



This preview shows how black text looks on a background with the HunterLab color 37.4598, 57.9393, -63.3641.



This preview shows how white text looks on a background with the HunterLab color 37.4598, 57.9393, -63.3641.



# 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

37.4598, 57.9393, -63.3641

### Protanopia

37.7010, 14.1303, -77.6263

### Tritanopia

37.3178, 15.8614, 5.3047

# Trichromacy



## Original Color

37.4598, 57.9393, -63.3641



## Protanomaly

34.4436, 25.1838, -83.2913



## Tritanomaly

36.5417, 30.0354, -14.1485

# Monochromacy



## Original Color

37.4598, 57.9393, -63.3641



## Achromatopsia

36.0744, -1.9248, 1.9600



## Achromatomaly

35.0491, 18.6818, -18.1115

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 37.4598, 57.9393, -63.3641 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(158, 53, 201)` looks like.

```
.text, #text, p{  
    color:rgb(158, 53, 201)  
}
```

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(158, 53, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 53, 201) }
```

## Border

The CSS property to change the border of an element to HunterLab 37.4598, 57.9393, -63.3641 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(158, 53, 201) }
```

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

```
.border{ border-color:rgb(158, 53, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 53, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 53, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 53, 201);  
box-shadow:4px 4px 4px 4px rgb(158, 53,  
201) }
```



# Background

The CSS property to change the background color of an element to HunterLab 37.4598, 57.9393, -63.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 53, 201) }
```

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

```
.background{ background-color: rgb(158, 53,  
201) }
```

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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