

# Converting Colors

HunterLab(35.6989, 59.9304,  
-107.4925)

Have a look what the booklet for  
HunterLab(35.6989, 59.9304,  
-107.4925) contains.

<b>HunterLab(35.7146, 59.6340, -107.4286)</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(35.7146, 59.6340,  
-107.4286)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B35EB
RGB	123, 53, 235
RGB Percent	48%, 21%, 92%
CMY	0.5176, 0.7922, 0.0784
CMYK	0.48, 0.77, 0.00, 0.08
HSL	263°, 82%, 56%
HSV	263°, 77%, 92%
XYZ	24.4369, 12.7553, 79.7713
YIQ	94.6780, -16.7020, 71.4420

# Conversions

## Conversions Part 2

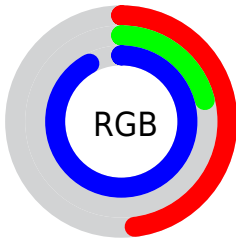
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	123, 53, 235
Decimal	8074731
CIE Lab	42.39, 66.25, -79.62
CIE LCh	42, 103.577, 309.761
Yxy	12.7557, 0.2089, 0.1091
Android (android.graphics.Color)	4286264811 (0xFF7B35EB)
YUV	94.6780, 69.1787, 24.8384
Hunter-Lab	35.7146, 59.6340, -107.4286

# Details

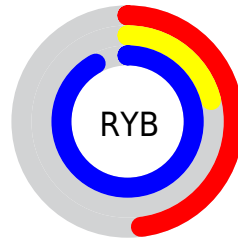
The HunterLab color  $35.7146, 59.6340, -107.4286$  is a dark color, and the websafe version is hex  $6600CC$ . The color can be described as middle washed purple. A complement of this color would be  $82.2634, -44.4362, 47.4849$ , and the grayscale version is  $33.4642, -1.7856, 1.8182$ .

A 20% lighter version of the original color is  $53.0429, 52.4835, -72.1466$ , and  $20.2094, 50.5140, -110.2320$  is the 20% darker color. If you saturate the color by 10%, you get  $31.8182, 66.0435, -125.6963$ , and if you desaturate by 10%, it is  $40.7357, 51.4389, -88.3955$ .

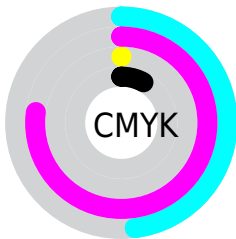
# Distribution



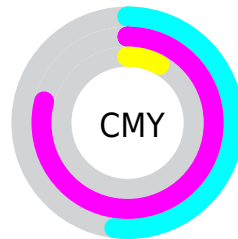
- Red (48%)
- Green (21%)
- Blue (92%)



- Red (48%)
- Yellow (21%)
- Blue (92%)



- Cyan (48%)
- Magenta (77%)
- Yellow (0%)
- Black (8%)



- Cyan (52%)
- Magenta (79%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.7146, 59.6340, -107.4286 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 35.7146, 59.6340, -107.4286 by changing the saturation by 10% instead.



35.7146, 59.6340,  
-107.4286

35.7146, 59.6340,  
-107.4286

144.6879, 76.7163,  
-109.2831

26.9453, 57.4143,  
-110.9727

55.5555, 64.0480,  
-105.0294

19.0409, 55.3814,  
-118.0669

66.5178, 66.1420,  
-104.9702

12.1095, 54.0339,  
-133.1659

78.1192, 68.1408,  
-105.2997

5.1468, 72.2659,  
-212.7644

90.3261, 70.0420,  
-105.8772

0.0000, INF, -NF

0.0000, NaN, -NF

103.1100, 71.8467,  
-106.6138

0.0000, NaN, -NF

116.4458, 73.5580,

0.0000, NaN, -NF

-107.4512

0.0000, NaN, NaN

130.3116, 75.1799,  
-108.3500

■ 35.7146, 59.6340,  
-107.4286

■ 35.7146, 59.6340,  
-107.4286

■ 31.8182, 66.0435,  
-125.6963

■ 40.7357, 51.4389,  
-88.3955

■ 29.1762, 69.3758,  
-140.5281

■ 46.6699, 42.5851,  
-70.3482

■ 28.6209, 69.9709,  
-143.9590

■ 53.3266, 33.7010,  
-53.9373

■ 60.5565, 25.0486,  
-39.2006

■ 68.2486, 16.6980,  
-25.9338

■ 76.3214, 8.6367,  
-13.8782

■ 84.7149, 0.8229,  
-2.7933

■ 93.3840, -6.7904,  
7.5219

■ 99.2117, -9.3205,  
13.9998

# Harmonies

## Analogous

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



35.7151, 11.6802, -163.3261



35.7146, 59.6340, -107.4286



35.7151, 98.8686, -32.4745

# Triad

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



35.7151, 59.6353, -107.4271



35.7151, 27.8300, 25.0006



35.7151, -49.7738, -12.3469

# Complementary

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



35.7146, 59.6340, -107.4286



82.2634, -44.4362, 47.4849

# 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.



35.7151, -48.4830, 18.8396



35.7146, 59.6340, -107.4286



35.7151, -13.7257, 25.0006

# Square

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



35.7151, 59.6353, -107.4271



35.7151, 75.7078, 24.2061



35.7151, -38.2646, 25.0006



35.7151, -43.1398, -80.0867



# Rectangle

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



35.7146, 59.6340, -107.4286



35.7151, 107.9051, 1.6457



35.7151, -38.2646, 25.0006



35.7151, -50.1524, 2.2399

# Sweetspot

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



35.7151, 59.6353, -107.4271



78.6791, 14.4403, -22.5588



58.0944, -9.6078, -44.5859



34.9294, 8.1778, -12.7063

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



35.7151, 59.6353, -107.4271



33.0202, 75.0834, -148.2133



47.7550, 80.6393, -66.7443



38.5115, 1.1053, -2.3026



21.5104, 52.3560, -106.3990



6.4591, 15.1197, -27.2848



# Inverse Universe

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



47.8798, 74.0021, -13.2783



49.3561, 87.7108, -10.1182



78.1915, -61.0601, 44.5584



38.9998, 2.4871, 0.4193



33.1460, 60.2532, -5.6339

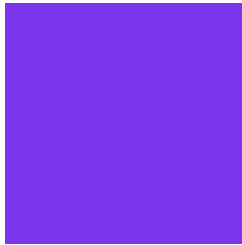


9.3884, 17.2446, -2.9776



# Previews

## White Background



This preview shows how the HunterLab color 35.7146, 59.6340, -107.4286 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

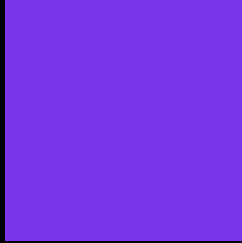
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 35.7146, 59.6340, -107.4286 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

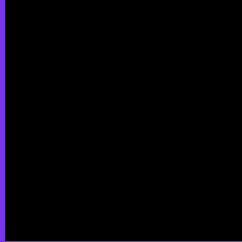
Any Text WCAG AA × Fail

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 35.7146, 59.6340, -107.4286 Background



This preview shows how black text looks on a background with the HunterLab color 35.7146, 59.6340, -107.4286.



This preview shows how white text looks on a background with the HunterLab color 35.7146, 59.6340, -107.4286.

-107.4286.

# 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

35.7146, 59.6340, -107.4286

### Protanopia

35.6055, 12.7006, -71.9208

### Deuteranopia

35.7710, 0.2164, -45.1778



## Tritanopia

35.7801, -3.8358, -2.4644

# Trichromacy



## Original Color

35.7146, 59.6340, -107.4286

## Protanomaly

33.4687, 27.9186, -92.7783

## Deuteranomaly

33.2958, 18.9781, -73.2138

## Tritanomaly

33.9588, 17.1376, -32.9170

# Monochromacy



## Original Color

35.7146, 59.6340, -107.4286

## Achromatopsia

33.8283, -1.8050, 1.8380

## Achromatomaly

32.8875, 17.7962, -28.4492

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 35.7146, 59.6340, -107.4286 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(123, 53, 235)` looks like.

```
.text, #text, p{  
    color:rgb(123, 53, 235)  
}
```

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(123, 53, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 53, 235) }
```

## Border

The CSS property to change the border of an element to HunterLab 35.7146, 59.6340, -107.4286 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(123, 53, 235) }
```



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

```
.border{ border-color:rgb(123, 53, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 53, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 53, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 53, 235);  
box-shadow:4px 4px 4px 4px rgb(123, 53,  
235) }
```

# Background

The CSS property to change the background color of an element to HunterLab 35.7146, 59.6340, -107.4286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 53, 235) }
```

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

```
.background{ background-color: rgb(123, 53,  
235) }
```

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**