

# Converting Colors

HunterLab(59.7118, 5.4541,  
-17.3680)

Have a look what the booklet for  
HunterLab(59.7118, 5.4541,  
-17.3680) contains.

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# Color

**HunterLab(59.7118, 5.4541,  
-17.3680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F9DC8
RGB	159, 157, 200
RGB Percent	62%, 62%, 78%
CMY	0.3765, 0.3843, 0.2157
CMYK	0.20, 0.21, 0.00, 0.22
HSL	243°, 28%, 70%
HSV	243°, 21%, 78%
XYZ	36.7804, 35.6550, 59.5872
YIQ	162.5000, -12.6110, 13.7970

# Conversions

## Conversions Part 2

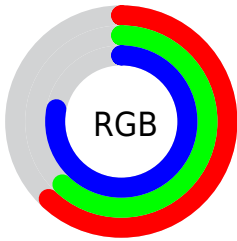
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 157, 200
Decimal	10460616
CIE <sub>Lab</sub>	66.26, 9.81, -21.77
CIE <sub>LCh</sub>	66, 23.878, 294.253
Yxy	35.6564, 0.2786, 0.2701
Android (android.graphics.Color)	4288650696 (0xFF9F9DC8)
YUV	162.5000, 18.4875, -3.0695
Hunter-Lab	59.7118, 5.4541, -17.3680

# Details

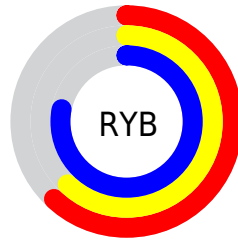
The HunterLab color  $59.7118, 5.4541, -17.3680$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $74.6656, -11.0604, 20.4841$ , and the grayscale version is  $60.2452, -3.2145, 3.2732$ .

A 20% lighter version of the original color is  $82.8270, 4.4548, -16.6074$ , and  $39.3817, 5.4420, -16.5792$  is the 20% darker color. If you saturate the color by 10%, you get  $52.5661, 10.4763, -29.0595$ , and if you desaturate by 10%, it is  $67.1487, 0.8499, -6.8574$ .

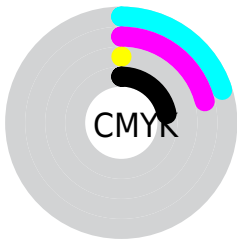
# Distribution



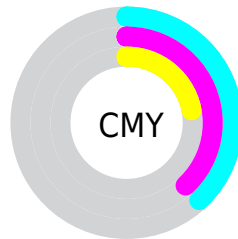
- Red (62%)
- Green (62%)
- Blue (78%)



- Red (62%)
- Yellow (62%)
- Blue (78%)



- Cyan (20%)
- Magenta (21%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (38%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.7118, 5.4541, -17.3680 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 59.7118, 5.4541, -17.3680 by changing the saturation by 10% instead.



■ 59.7118, 5.4541,  
-17.3680

■ 59.7118, 5.4541,  
-17.3680

180.9576, 2.6632,  
-17.7691

■ 49.1620, 5.5051,  
-17.0394

■ 82.7656, 5.1639,  
-17.8330

■ 39.3180, 5.4851,  
-16.6483

■ 95.1986, 4.9378,  
-17.9769

■ 30.2360, 5.3825,  
-16.1982

108.1985, 4.6631,  
-18.0654

■ 21.9864, 5.1822,  
-15.7080

121.7416, 4.3432,  
-18.1012

■ 14.6636, 4.8620,  
-15.2383

135.8068, 3.9810,  
-18.0871

■ 8.3225, 4.7176,  
-15.2690

150.3755, 3.5789,

0.0000, NaN, -NF

-18.0256

0.0000, NaN, NaN

165.4308, 3.1390,  
-17.9189

0.0000, NaN, NaN

■ 59.7118, 5.4541,  
-17.3680

■ 59.7118, 5.4541,  
-17.3680

■ 52.5661, 10.4763,  
-29.0595

■ 67.1487, 0.8499,  
-6.8574

■ 45.7695, 16.0490,  
-42.3024

■ 74.8291, -3.4353,  
2.7525

■ 39.4116, 22.3200,  
-57.5296

■ 82.7220, -7.4796,  
11.6764

■ 33.6224, 29.4074,  
-75.1271

■ 90.8027, -11.3410,  
20.0735

■ 28.5920, 37.2437,  
-95.0431

■ 98.4012, -14.0423,  
27.4635

■ 24.5803, 45.2234,  
-115.8692

■ 98.4633, -13.8208,  
27.5265

■ 21.8732, 51.8118,  
-133.7346

■ 20.5674, 55.4973,  
-143.8788

# Harmonies

## Analogous

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



59.7130, -5.2252, -19.5494



59.7118, 5.4541, -17.3680



59.7130, 14.3475, -9.2803

# Triad

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



59.7130, 5.4531, -17.3667



59.7130, 9.2451, 16.9921



59.7130, -22.2207, 5.1674

# Complementary

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



59.7118, 5.4541, -17.3680



74.6656, -11.0604, 20.4841

# 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.



59.7130, -18.9101, 13.5433



59.7118, 5.4541, -17.3680



59.7130, -1.1259, 19.5593

# Square

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



59.7130, 5.4531, -17.3667



59.7130, 16.6419, 10.7080



59.7130, -11.3666, 18.4172



59.7130, -20.7288, -5.3136



# Rectangle

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



59.7118, 5.4541, -17.3680



59.7130, 17.8154, -2.2790



59.7130, -11.3666, 18.4172



59.7130, -21.6402, 8.2968

# Sweetspot

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



59.7130, 5.4531, -17.3667



93.7875, -1.9784, -2.0517



72.1019, -15.6280, -0.7791



43.0805, -0.7427, -1.3362

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



59.7130, 5.4531, -17.3667



73.9353, 10.3180, -30.1284



61.6286, 11.7427, -14.3898



32.1101, -0.0384, -2.2197



16.4331, 44.2769, -114.4550



3.6913, 9.7226, -23.9795



# Inverse Universe

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



63.6175, 17.9354, -10.2782



80.3426, 30.3204, -17.8754



72.8688, -17.5630, 18.6385



32.8752, 2.5254, -0.9817



31.9294, 62.1565, -37.3233



6.9672, 13.5925, -8.3735



# Previews

## White Background



This preview shows how the HunterLab color 59.7118, 5.4541, -17.3680 looks on a white 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



# Black Background



This preview shows how the HunterLab color 59.7118, 5.4541, -17.3680 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 ✓ Pass

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

## HunterLab 59.7118, 5.4541, -17.3680 Background



This preview shows how black text looks on a background with the HunterLab color 59.7118, 5.4541, -17.3680.



This preview shows how white text looks on a background with the HunterLab color 59.7118, 5.4541, -17.3680.

-17.3680.

# 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

59.7118, 5.4541, -17.3680

### Protanopia

59.6991, 2.6320, -18.6618

### Deuteranopia

59.8264, 4.3760, -17.2123



## Tritanopia

59.8052, -3.5179, -2.9093

# Trichromacy



## Original Color

59.7118, 5.4541, -17.3680

## Protanomaly

59.6161, 3.7487, -18.1553

## Deuteranomaly

59.9107, 4.6586, -17.0792

## Tritanomaly

59.6896, -0.3035, -7.7248

# Monochromacy



## Original Color

59.7118, 5.4541, -17.3680

## Achromatopsia

60.5188, -3.2291, 3.2881

## Achromatomaly

60.2542, -0.3324, -3.2945

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.7118, 5.4541, -17.3680 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(159, 157, 200)` looks like.

```
.text, #text, p{  
    color:rgb(159, 157, 200)  
}
```

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(159, 157, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 157, 200) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.7118, 5.4541, -17.3680 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(159, 157, 200) }
```



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

```
.border{ border-color:rgb(159, 157, 200) }
```

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

Here you see how a box with a 4 pixel rgb(159, 157, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 157, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 157, 200);  
box-shadow:4px 4px 4px 4px rgb(159, 157,  
200) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.7118, 5.4541, -17.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 157, 200) }
```

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

```
.background{ background-color: rgb(159,  
157, 200) }
```

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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