

# Converting Colors

HunterLab(58.7662, 3.2744,  
-18.9665)

Have a look what the booklet for  
HunterLab(58.7662, 3.2744,  
-18.9665) contains.

<b>HunterLab(58.6780, 3.4542, -18.9959)</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(58.6780, 3.4542,  
-18.9959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	969CC8
RGB	150, 156, 200
RGB Percent	59%, 61%, 78%
CMY	0.4118, 0.3882, 0.2157
CMYK	0.25, 0.22, 0.00, 0.22
HSL	233°, 31%, 69%
HSV	233°, 25%, 78%
XYZ	34.8915, 34.4311, 59.4504
YIQ	159.2220, -17.7000, 12.4120

# Conversions

## Conversions Part 2

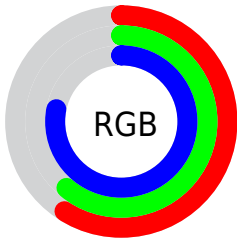
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 155, 200
Decimal	9870536
CIELab	65.30, 7.57, -23.29
CIELCh	65, 24.485, 287.997
Yxy	34.4325, 0.2710, 0.2674
Android (android.graphics.Color)	4288060616 (0xFF969CC8)
YUV	159.2220, 20.1036, -8.0877
Hunter-Lab	58.6780, 3.4542, -18.9959

# Details

The HunterLab color  $58.6780, 3.4542, -18.9959$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $72.8458, -8.3509, 21.2555$ , and the grayscale version is  $58.8990, -3.1427, 3.2001$ .

A 20% lighter version of the original color is  $81.4201, 2.8083, -18.6734$ , and  $38.4384, 3.6753, -18.1961$  is the 20% darker color. If you saturate the color by 10%, you get  $52.1624, 7.1949, -29.8426$ , and if you desaturate by 10%, it is  $65.4488, 0.1841, -9.1697$ .

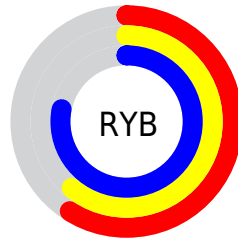
# Distribution



Red (59%)

Green (61%)

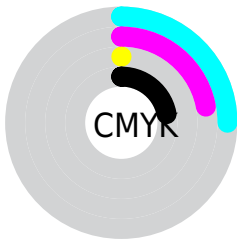
Blue (78%)



Red (59%)

Yellow (61%)

Blue (78%)

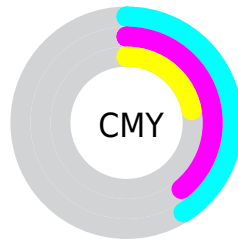


Cyan (25%)

Magenta (22%)

Yellow (0%)

Black (22%)



Cyan (41%)

Magenta (39%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.6780, 3.4542, -18.9959 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 58.6780, 3.4542, -18.9959 by changing the saturation by 10% instead.



■ 58.6780, 3.4542,  
-18.9959

■ 58.6780, 3.4542,  
-18.9959

■ 179.4592, -0.1304,  
-19.8523

■ 48.1934, 3.6136,  
-18.6169

■ 81.6123, 2.9632,  
-19.5654

■ 38.4194, 3.7083,  
-18.1789

■ 93.9900, 2.6431,  
-19.7617

■ 29.4134, 3.7277,  
-17.6902

■ 106.9369, 2.2781,  
-19.9019

■ 21.2475, 3.6586,  
-17.1792

■ 120.4292, 1.8711,  
-19.9888

■ 14.0191, 3.4803,  
-16.7325

■ 134.4456, 1.4248,  
-20.0249

■ 7.6631, 3.8926,  
-17.4030

148.9671, 0.9412,

0.0000, NaN, -NF

-20.0127

0.0000, NaN, NaN

163.9768, 0.4223,  
-19.9545

0.0000, NaN, NaN

■ 58.6780, 3.4542,  
-18.9959

■ 58.6780, 3.4542,  
-18.9959

■ 52.1624, 7.1949,  
-29.8426

■ 65.4488, 0.1841,  
-9.1697

■ 45.9483, 11.5425,  
-41.9956

■ 72.4346, -2.7172,  
-0.1417

■ 40.1063, 16.6587,  
-55.7767

■ 79.6091, -5.3297,  
8.2645

■ 34.7346, 22.7106,  
-71.4735

■ 86.9512, -7.7137,  
16.1833

■ 29.9719, 29.7856,  
-89.1061

■ 94.4442, -9.9151,  
23.7181

■ 26.0043, 37.6797,  
-107.9057

■ 98.4633, -13.8208,  
27.5265

■ 23.0471, 45.5530,  
-125.5765

■ 21.9627, 48.9523,  
-133.1255

# Harmonies

## Analogous

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



58.6792, -7.4108, -19.7283



58.6780, 3.4542, -18.9959



58.6792, 13.1914, -11.7020

# Triad

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



58.6792, 3.4534, -18.9947



58.6792, 11.4923, 16.1132



58.6792, -22.1817, 7.1739

# Complementary

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



58.6780, 3.4542, -18.9959



72.8458, -8.3509, 21.2555

# 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.



58.6792, -17.8495, 14.9850



58.6780, 3.4542, -18.9959



58.6792, 1.2686, 19.4819

# Square

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



58.6792, 3.4534, -18.9947



58.6792, 18.0597, 9.0022



58.6792, -9.4433, 19.1104



58.6792, -21.6905, -3.2761



# Rectangle

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



58.6780, 3.4542, -18.9959



58.6792, 17.4933, -4.7400



58.6792, -9.4433, 19.1104



58.6792, -21.2550, 10.1548

# Sweetspot

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



58.6792, 3.4534, -18.9947



93.3567, -2.8077, -2.6077



71.8738, -19.2471, 2.1710



42.9288, -1.1940, -1.5361

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



58.6792, 3.4534, -18.9947



72.5085, 7.1303, -32.5563



58.6049, 11.8184, -18.9640



32.3869, -0.6941, -1.8725



17.7127, 38.2528, -104.7162



4.6751, 5.5784, -17.8855



# Inverse Universe

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



60.4097, 14.6252, 6.6093



75.4435, 24.8470, 9.6741



73.0861, -17.0855, 21.3279



32.6455, 1.2929, 2.2866



28.0298, 48.1769, 16.7557



6.1570, 10.6965, 2.7963



# Previews

## White Background



This preview shows how the HunterLab color 58.6780, 3.4542, -18.9959 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

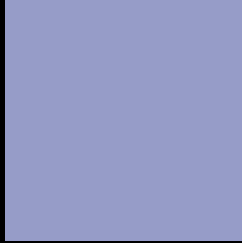
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 58.6780, 3.4542, -18.9959 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

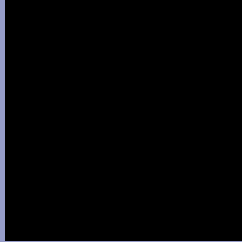
Any Text WCAG AA ✓ Pass

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 58.6780, 3.4542, -18.9959 Background



This preview shows how black text looks on a background with the HunterLab color 58.6780, 3.4542, -18.9959.



This preview shows how white text looks on a background with the HunterLab color 58.6780, 3.4542, -18.9959.

-18.9959.

# 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

58.6780, 3.4542, -18.9959

### Protanopia

58.7257, 2.1399, -18.9446

### Deuteranopia

58.5561, 4.5105, -19.1674



## Tritanopia

58.7924, -5.5434, -4.2528

# Trichromacy



## Original Color

58.6780, 3.4542, -18.9959

## Protanomaly

58.8047, 2.4075, -18.8172

## Deuteranomaly

58.4740, 4.2355, -19.3005

## Tritanomaly

58.6670, -2.3286, -9.1659

# Monochromacy



## Original Color

58.6780, 3.4542, -18.9959

## Achromatopsia

58.8816, -3.1418, 3.1991

## Achromatomaly

58.8027, -0.9790, -4.1594

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.6780, 3.4542, -18.9959 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(150, 156, 200)` looks like.

```
.text, #text, p{  
    color:rgb(150, 156, 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(150, 156, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 156, 200) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.6780, 3.4542, -18.9959 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(150, 156, 200) }
```



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

```
.border{ border-color:rgb(150, 156, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 156, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 156, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 156, 200);  
box-shadow:4px 4px 4px 4px rgb(150, 156,  
200) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.6780, 3.4542, -18.9959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 156, 200) }
```

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

```
.background{ background-color: rgb(150,  
156, 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](#).

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