

# Converting Colors

HunterLab(59.7235, -3.8029,  
-3.0190)

Have a look what the booklet for  
HunterLab(59.7235, -3.8029,  
-3.0190) contains.

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# Color

**HunterLab(59.7235, -3.8029,  
-3.0190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99A2AE
RGB	153, 162, 174
RGB Percent	60%, 64%, 68%
CMY	0.4000, 0.3647, 0.3176
CMYK	0.12, 0.07, 0.00, 0.32
HSL	214°, 11%, 64%
HSV	214°, 12%, 68%
XYZ	33.6972, 35.6690, 45.1532
YIQ	160.6770, -9.2160, 1.8240

# Conversions

## Conversions Part 2

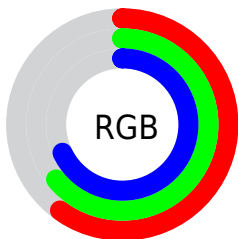
Format	Color
R <sub>Y</sub> B	153, 159, 174
Decimal	10068654
CIE Lab	66.27, -0.72, -7.30
CIE LCh	66, 7.340, 264.388
Yxy	35.6705, 0.2942, 0.3115
Android (android.graphics.Color)	4288258734 (0xFF99A2AE)
YUV	160.6770, 6.5682, -6.7327
Hunter-Lab	59.7235, -3.8029, -3.0190

# Details

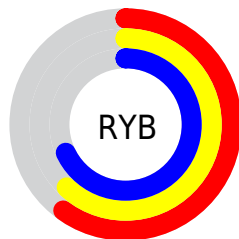
The HunterLab color  $59.7235, -3.8029, -3.0190$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $61.8131, -2.3067, 9.1411$ , and the grayscale version is  $59.5449, -3.1772, 3.2352$ .

A 20% lighter version of the original color is  $82.7939, -5.4251, -2.1625$ , and  $39.2196, -2.3298, -3.7086$  is the 20% darker color. If you saturate the color by 10%, you get  $55.4381, -3.7477, -8.7323$ , and if you desaturate by 10%, it is  $64.1334, -3.5565, 2.4357$ .

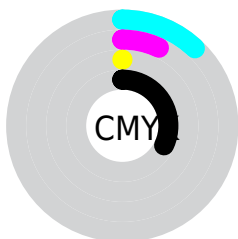
# Distribution



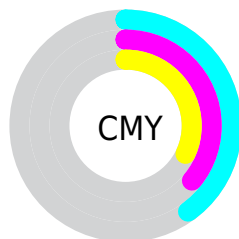
- Red (60%)
- Green (64%)
- Blue (68%)



- Red (60%)
- Yellow (62%)
- Blue (68%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (36%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.7235, -3.8029, -3.0190 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 59.7235, -3.8029, -3.0190 by changing the saturation by 10% instead.



■ 59.7235, -3.8029,  
-3.0190

■ 59.7235, -3.8029,  
-3.0190

180.9745,  
-10.5556, 1.0172

■ 49.1730, -3.2018,  
-3.2402

■ 82.7787, -5.1062,  
-2.4147

■ 39.3282, -2.6345,  
-3.4024

■ 95.2123, -5.8031,  
-2.0420

■ 30.2454, -2.1043,  
-3.4971

108.2128, -6.5289,  
-1.6263

■ 21.9948, -1.6141,  
-3.5149

121.7565, -7.2824,  
-1.1702

■ 14.6709, -1.1670,  
-3.4434

135.8222, -8.0626,  
-0.6760

■ 8.3297, -0.8204,  
-3.4136

150.3915, -8.8688,

0.0000, NaN, -NF

-0.1456

0.0000, NaN, NaN

165.4473, -9.7000,  
0.4193

0.0000, NaN, NaN

■ 59.7235, -3.8029,  
-3.0190

■ 59.7235, -3.8029,  
-3.0190

■ 55.4381, -3.7477,  
-8.7323

■ 64.1334, -3.5565,  
2.4357

■ 51.2874, -3.3356,  
-14.7487

■ 68.6522, -3.0481,  
7.6659

■ 47.2894, -2.5060,  
-21.1115

■ 73.2715, -2.3147,  
12.7053

■ 43.4642, -1.1872,  
-27.8641

■ 77.9826, -1.3859,  
17.5822

■ 39.8356, 0.7015,  
-35.0429

■ 82.7786, -0.2863,  
22.3207

■ 36.4313, 3.2438,  
-42.6656

■ 87.3914, 0.0680,  
26.6832

■ 33.2824, 6.5141,  
-50.7144

■ 90.4428, -5.0791,  
29.3899

■ 30.4211, 10.5527,  
-59.1166

■ 93.5637, -10.1729,  
32.0995

■ 28.3425, 14.1900,  
-66.0578

■ 96.7502, -15.2126,  
34.8105

# Harmonies

## Analogous

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



59.7247, -6.8099, -1.8228



59.7235, -3.8029, -3.0190



59.7247, -0.5696, -2.4615

# Triad

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



59.7247, -3.8040, -3.0180



59.7247, 2.6495, 5.6701



59.7247, -8.2198, 6.6324

# Complementary

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



59.7235, -3.8029, -3.0190



61.8131, -2.3067, 9.1411

# 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.



59.7247, -5.7659, 8.4496



59.7235, -3.8029, -3.0190



59.7247, 0.5183, 7.9153

# Square

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



59.7247, -3.8040, -3.0180



59.7247, 3.2020, 2.6627



59.7247, -2.5734, 8.9064



59.7247, -9.3239, 3.8334



# Rectangle

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



59.7235, -3.8029, -3.0190



59.7247, 1.2756, -1.1866



59.7247, -2.5734, 8.9064



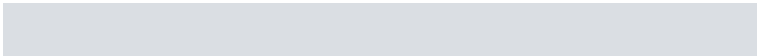
59.7247, -7.5280, 7.3722

# Sweetspot

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



59.7247, -3.8040, -3.0180



85.1740, -4.8865, 1.8354



63.0540, -11.1042, 5.2311



39.9453, -2.3189, 0.6108



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444



# Same Dimension

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



59.7247, -3.8040, -3.0180



79.1648, -5.1439, -5.7100



57.2263, 1.0237, -6.2086



28.8108, -1.7797, -0.7019



24.3710, 11.5709, -55.4399



5.2463, -0.3027, -5.9039



# Inverse Universe

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



58.6434, 5.0315, 1.6629



77.4763, 8.8755, 1.8343



64.3516, -7.1223, 11.7614



28.4081, 1.4479, 0.9752



26.2729, 46.4235, 5.8883

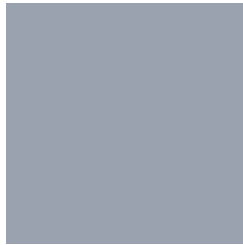


4.5070, 8.1967, -0.7959



# Previews

## White Background



This preview shows how the HunterLab color 59.7235, -3.8029, -3.0190 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 59.7235, -3.8029, -3.0190 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

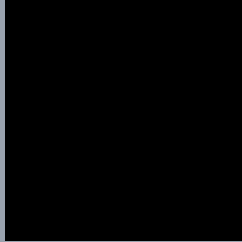
Any Text WCAG AA ✓ Pass

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 59.7235, -3.8029, -3.0190 Background



This preview shows how black text looks on a background with the HunterLab color 59.7235, -3.8029, -3.0190.



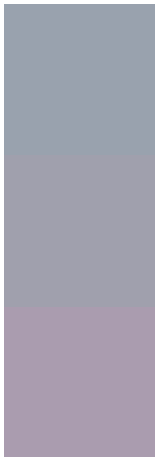
This preview shows how white text looks on a background with the HunterLab color 59.7235, -3.8029,

-3.0190.

# 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

59.7235, -3.8029, -3.0190

### Protanopia

59.6928, -0.9653, -2.5028

### Deuteranopia

59.5131, 4.4397, -3.6559



## Tritanopia

59.7563, -3.6231, -3.4829

# Trichromacy



## Original Color

59.7235, -3.8029, -3.0190

## Protanomaly

59.7285, -2.3404, -2.4814

## Deuteranomaly

59.5327, 1.5835, -3.6807

## Tritanomaly

59.7563, -3.6231, -3.4829

# Monochromacy



## Original Color

59.7235, -3.8029, -3.0190

## Achromatopsia

59.6993, -3.1854, 3.2436

## Achromatomaly

59.5920, -3.2570, 0.7697

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.7235, -3.8029, -3.0190 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(153, 162, 174)` looks like.

```
.text, #text, p{  
    color:rgb(153, 162, 174)  
}
```

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(153, 162, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 162, 174) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.7235, -3.8029, -3.0190 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(153, 162, 174) }
```



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

```
.border{ border-color:rgb(153, 162, 174) }
```

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

Here you see how a box with a 4 pixel rgb(153, 162, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 162, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 162, 174);  
box-shadow:4px 4px 4px 4px rgb(153, 162,  
174) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.7235, -3.8029, -3.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 162, 174) }
```

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

```
.background{ background-color: rgb(153,  
162, 174) }
```

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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