

# Converting Colors

HunterLab(64.3759, -5.6735,  
-4.6147)

Have a look what the booklet for  
HunterLab(64.3759, -5.6735,  
-4.6147) contains.

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# Color

**HunterLab(64.2784, -5.2418,  
-4.8915)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FAEBD
RGB	159, 174, 189
RGB Percent	62%, 68%, 74%
CMY	0.3765, 0.3176, 0.2588
CMYK	0.16, 0.08, 0.00, 0.26
HSL	210°, 19%, 68%
HSV	210°, 16%, 74%
XYZ	38.6194, 41.3171, 54.0836
YIQ	171.2250, -13.7550, 1.4850

# Conversions

## Conversions Part 2

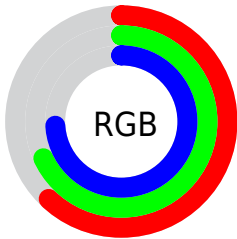
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 169, 189
Decimal	10464957
CIE Lab	70.40, -2.07, -9.43
CIE LCh	70, 9.654, 257.610
Yxy	41.3188, 0.2882, 0.3083
Android (android.graphics.Color)	4288655037 (0xFF9FAEBD)
YUV	171.2250, 8.7631, -10.7213
Hunter-Lab	64.2784, -5.2418, -4.8915

# Details

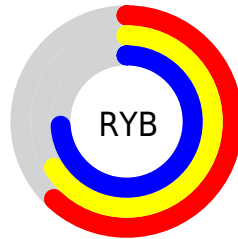
The HunterLab color  $64.2784, -5.2418, -4.8915$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $66.0257, -0.9695, 11.2124$ , and the grayscale version is  $63.8786, -3.4084, 3.4706$ .

A 20% lighter version of the original color is  $87.7082, -6.4854, -4.4645$ , and  $43.3848, -4.0588, -5.1693$  is the 20% darker color. If you saturate the color by 10%, you get  $60.0071, -5.6806, -10.6927$ , and if you desaturate by 10%, it is  $68.6887, -4.4342, 0.6910$ .

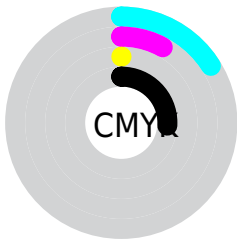
# Distribution



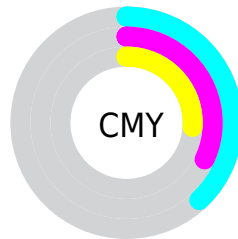
- Red (62%)
- Green (68%)
- Blue (74%)



- Red (62%)
- Yellow (66%)
- Blue (74%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (26%)



- Cyan (38%)
- Magenta (32%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.2784, -5.2418, -4.8915 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 64.2784, -5.2418, -4.8915 by changing the saturation by 10% instead.



■ 64.2784, -5.2418,  
-4.8915

■ 64.2784, -5.2418,  
-4.8915

187.5237,  
-12.6090, -1.4048

■ 53.4493, -4.5553,  
-5.0436

■ 87.8451, -6.7023,  
-4.4201

■ 43.3065, -3.8968,  
-5.1353

■ 100.5160, -7.4722,  
-4.1114

■ 33.9013, -3.2685,  
-5.1586

113.7436, -8.2679,  
-3.7581

■ 25.2972, -2.6710,  
-5.1050

127.5054, -9.0887,  
-3.3628

■ 17.5769, -2.1044,  
-4.9648

141.7813, -9.9338,  
-2.9279

■ 10.8564, -1.5676,  
-4.7295

156.5535,

■ 2.1010, -3.6767,

-10.8026, -2.4554

-18.4888

171.8059,  
-11.6945, -1.9472

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.2784, -5.2418,  
-4.8915

■ 64.2784, -5.2418,  
-4.8915

■ 60.0071, -5.6806,  
-10.6927

■ 68.6887, -4.4342,  
0.6910

■ 55.8855, -5.6903,  
-16.7409

■ 73.2215, -3.3033,  
6.0765

■ 51.9318, -5.2070,  
-23.0574

■ 77.8672, -1.8915,  
11.2897

■ 48.1652, -4.1584,  
-29.6584

■ 82.6164, -0.2338,  
16.3525

■ 44.6073, -2.4685,

■ 87.4611, 1.6401,

-36.5482

21.2845

■ 41.2811, -0.0655,  
-43.7118

■ 90.5072, -2.7478,  
24.1831

■ 38.2093, 3.1042,  
-51.1081

■ 93.4554, -7.6374,  
26.9090

■ 35.4087, 7.0463,  
-58.6737

■ 96.4636, -12.4780,  
29.6305

■ 34.3097, 8.8100,  
-61.9024

■ 98.2111, -15.2262,  
31.1857

# Harmonies

## Analogous

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



64.2797, -9.0517, -2.7496



64.2784, -5.2418, -4.8915



64.2797, -0.8472, -4.6757

# Triad

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



64.2797, -5.2429, -4.8904



64.2797, 4.8519, 5.8922



64.2797, -9.5780, 8.7039

# Complementary

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



64.2784, -5.2418, -4.8915



66.0257, -0.9695, 11.2124

# 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.



64.2797, -5.9790, 10.7235



64.2784, -5.2418, -4.8915



64.2797, 2.3851, 9.1770

# Square

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



64.2797, -5.2429, -4.8904



64.2797, 5.0619, 1.7436



64.2797, -1.6033, 10.8907



64.2797, -11.5089, 5.2061



# Rectangle

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



64.2784, -5.2418, -4.8915



64.2797, 1.8250, -3.2261



64.2797, -1.6033, 10.8907



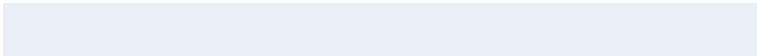
64.2797, -8.5277, 9.5677

# Sweetspot

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



64.2797, -5.2429, -4.8904



92.3993, -5.8292, 1.5051



68.4130, -15.1277, 7.4069



42.6531, -2.7464, 0.4594



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053



# Same Dimension

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



64.2797, -5.2429, -4.8904



84.0404, -7.2770, -9.1742



60.0121, 1.9635, -10.5519



31.6107, -2.2385, -0.5779



28.4131, 6.6964, -49.9695



6.6864, -0.5636, -7.1409



# Inverse Universe

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



62.1868, 8.9315, 0.2947



80.7132, 15.7060, -0.5213



70.3585, -8.1117, 15.5711



31.0061, 1.7182, 0.7956



28.0083, 49.9838, 2.4497

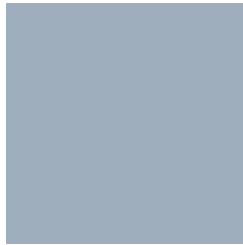


5.6612, 10.3195, -1.1833



# Previews

## White Background



This preview shows how the HunterLab color 64.2784, -5.2418, -4.8915 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

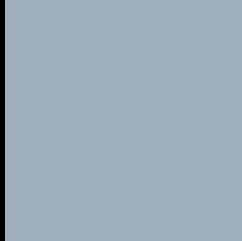
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 64.2784, -5.2418, -4.8915 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

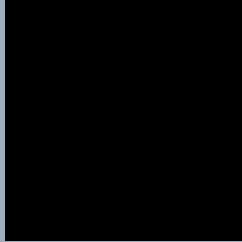
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

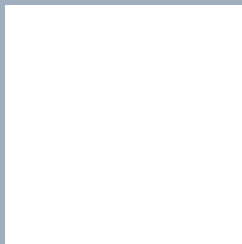
Any Text WCAG AAA ✓ Pass

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

# HunterLab 64.2784, -5.2418, -4.8915 Background



This preview shows how black text looks on a background with the HunterLab color 64.2784, -5.2418, -4.8915.



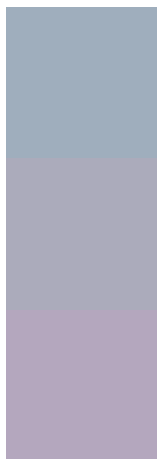
This preview shows how white text looks on a background with the HunterLab color 64.2784, -5.2418, -4.8915.

-4.8915.

# 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

64.2784, -5.2418, -4.8915

### Protanopia

64.3208, -0.6473, -3.7138

### Deuteranopia

64.0769, 4.6856, -5.5100



## Tritanopia

64.2447, -5.4273, -4.4154

# Trichromacy



## Original Color

64.2784, -5.2418, -4.8915

## Protanomaly

64.3050, -2.1501, -4.2797

## Deuteranomaly

64.2167, 0.7033, -5.3955

## Tritanomaly

64.2447, -5.4273, -4.4154

# Monochromacy



## Original Color

64.2784, -5.2418, -4.8915

## Achromatopsia

63.8154, -3.4050, 3.4672

## Achromatomaly

63.9804, -3.9268, 0.3240

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.2784, -5.2418, -4.8915 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, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(159, 174, 189)  
}
```

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, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 174, 189) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.2784, -5.2418, -4.8915 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, 174, 189) }
```



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

```
.border{ border-color:rgb(159, 174, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 174, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(159, 174,  
189) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.2784, -5.2418, -4.8915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 174, 189) }
```

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

```
.background{ background-color: rgb(159,  
174, 189) }
```

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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