

# Converting Colors

HunterLab(61.0780, -5.5881,  
7.0747)

Have a look what the booklet for  
HunterLab(61.0780, -5.5881, 7.0747)  
contains.

<b>HunterLab(61.2040, -5.7850, 7.1434)</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(61.2040, -5.7850,  
7.1434)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3A69C
RGB	163, 166, 156
RGB Percent	64%, 65%, 61%
CMY	0.3608, 0.3490, 0.3882
CMYK	0.02, 0.00, 0.06, 0.35
HSL	78°, 5%, 63%
HSV	78°, 6%, 65%
XYZ	34.7412, 37.4593, 36.8518
YIQ	163.9630, 1.4220, -3.7460

# Conversions

## Conversions Part 2

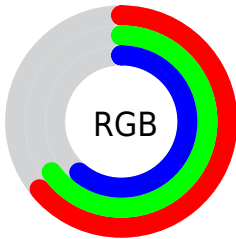
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 166, 159
Decimal	10725020
CIELab	67.62, -2.94, 4.80
CIELCh	68, 5.623, 121.484
Yxy	37.4609, 0.3186, 0.3435
Android (android.graphics.Color)	4288915100 (0xFFA3A69C)
YUV	163.9630, -3.9258, -0.8446
Hunter-Lab	61.2040, -5.7850, 7.1434

# Details

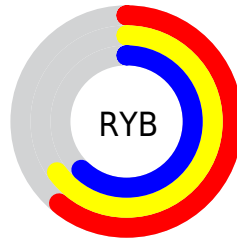
The HunterLab color  $61.2040, -5.7850, 7.1434$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $58.2255, -0.5100, -0.8686$ , and the grayscale version is  $60.9305, -3.2511, 3.3105$ .

A 20% lighter version of the original color is  $84.4224, -7.3395, 9.0710$ , and  $40.5389, -4.3554, 5.3573$  is the 20% darker color. If you saturate the color by 10%, you get  $60.3495, -9.6898, 12.8689$ , and if you desaturate by 10%, it is  $62.1280, -1.5959, 0.7183$ .

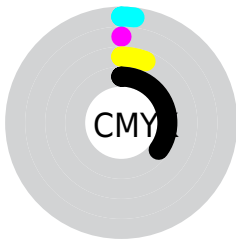
# Distribution



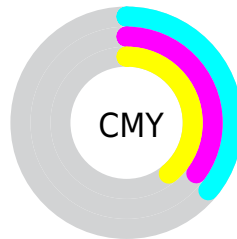
- Red (64%)
- Green (65%)
- Blue (61%)



- Red (61%)
- Yellow (65%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (35%)



- Cyan (36%)
- Magenta (35%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.2040, -5.7850, 7.1434 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 61.2040, -5.7850, 7.1434 by changing the saturation by 10% instead.



■ 61.2040, -5.7850,  
7.1434

■ 61.2040, -5.7850,  
7.1434

183.1125,  
-13.4231, 15.5575

■ 50.5614, -5.0600,  
6.3134

■ 84.4281, -7.3162,  
8.8675

■ 40.6179, -4.3597,  
5.5016

■ 96.9401, -8.1185,  
9.7606

■ 31.4283, -3.6853,  
4.7068

110.0154, -8.9450,  
10.6749

■ 23.0602, -3.0363,  
3.9250

123.6309, -9.7953,  
11.6101

■ 15.6040, -2.4104,  
3.1481

137.7659,  
-10.6687, 12.5663

■ 9.1855, -1.8837,  
2.6639

152.4020,

0.0000, NaN, NaN

-11.5648, 13.5430

0.0000, NaN, NaN

167.5225,  
-12.4831, 14.5402

0.0000, NaN, NaN

■ 61.2040, -5.7850,  
7.1434

■ 61.2040, -5.7850,  
7.1434

■ 60.3495, -9.6898,  
12.8689

■ 62.1280, -1.5959,  
0.7183

■ 59.5605, -13.2952,  
17.8794

■ 63.1170, 2.8693,  
-6.3905

■ 58.8380, -16.5943,  
22.1698

■ 64.1717, 7.5948,  
-14.1591

■ 58.1814, -19.5821,  
25.7419

■ 65.2910, 12.5656,  
-22.5610

■ 57.5891, -22.2570,  
28.6071

■ 66.4737, 17.7659,  
-31.5669

■ 57.0594, -24.6222,  
30.7877

■ 67.6897, 23.0336,  
-40.7544

■ 56.5895, -26.6861,  
32.3185

■ 68.1797, 24.5402,  
-39.8305

■ 56.1756, -28.4641,  
33.2503

■ 68.6824, 26.0761,  
-38.8917

■ 55.8122, -29.9845,  
33.6650

■ 69.1977, 27.6403,  
-37.9386

# Harmonies

## Analogous

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



61.2053, -3.3948, 7.7752



61.2040, -5.7850, 7.1434



61.2053, -7.4810, 5.4978

# Triad

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



61.2053, -5.7865, 7.1443



61.2053, -5.5719, -0.8714



61.2053, 1.6653, 3.4512

# Complementary

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



61.2040, -5.7850, 7.1434



58.2255, -0.5100, -0.8686

# 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.



61.2053, 1.0600, 1.0832



61.2040, -5.7850, 7.1434



61.2053, -3.1431, -1.4724

# Square

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



61.2053, -5.7865, 7.1443



61.2053, -7.3585, 0.8677



61.2053, -0.7102, -0.7434



61.2053, 0.9307, 5.6971



# Rectangle

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



61.2040, -5.7850, 7.1434



61.2053, -8.0015, 4.0122



61.2053, -0.7102, -0.7434



61.2053, 1.6117, 2.6430

# Sweetspot

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



61.2053, -5.7865, 7.1443



82.9376, -5.5891, 6.2838



59.4179, -1.4613, 5.2020



39.2407, -2.6137, 2.9263



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382



# Same Dimension

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



61.2053, -5.7865, 7.1443



82.3208, -8.3953, 10.5230



60.7812, -7.2844, 6.6442



29.5048, -3.0697, 3.8619



49.0524, -26.8007, 29.7566



7.8110, -3.5532, 4.7509



# Inverse Universe

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



58.2255, -0.5100, -0.8686



77.5762, 0.0076, -2.2393



58.6716, 1.0160, -0.2877



27.7309, 0.0720, -0.9099



16.3690, 41.0747, -90.5239



3.0244, 6.8968, -11.3592



# Previews

## White Background



This preview shows how the HunterLab color 61.2040, -5.7850, 7.1434 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 61.2040, -5.7850, 7.1434 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

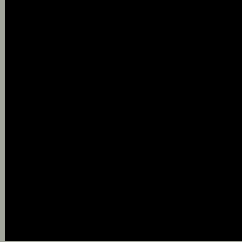
Any Text WCAG AA ✓ Pass

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 61.2040, -5.7850, 7.1434 Background



This preview shows how black text looks on a background with the HunterLab color 61.2040, -5.7850, 7.1434.



This preview shows how white text looks on a background with the HunterLab color 61.2040, -5.7850, 7.1434.



# 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

61.2040, -5.7850, 7.1434

### Protanopia

61.2075, -2.7983, 7.6279

### Deuteranopia

61.0720, 4.2259, 6.7387



## Tritanopia

61.1849, -0.1236, -2.1025

# Trichromacy



## Original Color

61.2040, -5.7850, 7.1434

## Protanomaly

61.2310, -4.2250, 7.6289

## Deuteranomaly

61.2414, 0.4108, 6.8620

## Tritanomaly

61.1677, -2.1223, 1.2702

# Monochromacy



## Original Color

61.2040, -5.7850, 7.1434

## Achromatopsia

60.9293, -3.2510, 3.3104

## Achromatomaly

61.1359, -4.2194, 4.8976

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.2040, -5.7850, 7.1434 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(163, 166, 156)` looks like.

```
.text, #text, p{  
    color:rgb(163, 166, 156)  
}
```

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(163, 166, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 166, 156) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.2040, -5.7850, 7.1434 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(163, 166, 156) }
```



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

```
.border{ border-color:rgb(163, 166, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 166, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 166, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 166, 156);  
box-shadow:4px 4px 4px 4px rgb(163, 166,  
156) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.2040, -5.7850, 7.1434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 166, 156) }
```

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

```
.background{ background-color: rgb(163,  
166, 156) }
```

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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