

Converting Colors

HunterLab(39.6135, -4.8656,
5.1209)

Have a look what the booklet for
HunterLab(39.6135, -4.8656, 5.1209)
contains.

HunterLab(39.6149, -4.8661, 5.1203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

HunterLab(39.6149, -4.8661,
5.1203)

Conversions

Conversions Part 1

Format	Color
Hex	6B7067
RGB	107, 112, 103
RGB Percent	42%, 44%, 40%
CMY	0.5804, 0.5608, 0.5961
CMYK	0.04, 0.00, 0.08, 0.56
HSL	93°, 4%, 42%
HSV	93°, 8%, 44%
XYZ	14.3057, 15.6934, 15.1071
YIQ	109.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

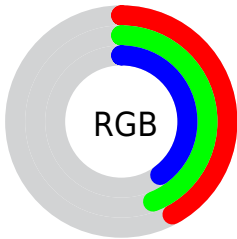
Format	Color
R_{YB}	103, 112, 108
Decimal	7041127
CIE _{Lab}	46.57, -3.73, 4.34
CIE _{LCh}	47, 5.724, 130.682
Yxy	15.6941, 0.3172, 0.3479
Android (android.graphics.Color)	4285231207 (0xFF6B7067)
YUV	109.4790, -3.1941, -2.1741
Hunter-Lab	39.6149, -4.8661, 5.1203

Details

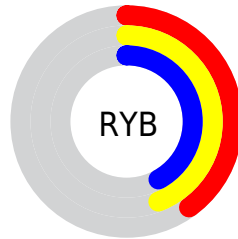
The HunterLab color $[39.6149, -4.8661, 5.1203]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[37.4952, 0.8406, -1.1219]$, and the grayscale version is $[39.3011, -2.0970, 2.1353]$.

A 20% lighter version of the original color is $[60.1275, -6.6365, 6.7880]$, and $[22.1652, -3.2692, 3.5930]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.8742, -8.0644, 8.4398]$, and if you desaturate by 10%, it is $[40.4154, -1.4647, 1.4358]$.

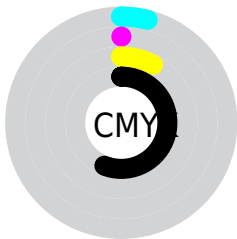
Distribution



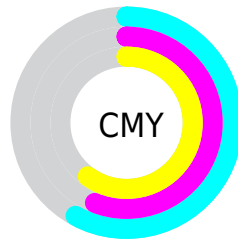
- Red (42%)
- Green (44%)
- Blue (40%)



- Red (40%)
- Yellow (44%)
- Blue (42%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (56%)



- Cyan (58%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.6149, -4.8661, 5.1203 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 39.6149, -4.8661, 5.1203 by changing the saturation by 10% instead.

■ 39.6149, -4.8661,
5.1203

■ 39.6149, -4.8661,
5.1203

150.8409,
-12.3878, 12.9521

■ 30.5089, -4.1446,
4.3569

■ 60.0552, -6.3786,
6.7082

■ 22.2319, -3.4419,
3.6088

■ 71.2890, -7.1690,
7.5341

■ 14.8782, -2.7542,
2.8694

■ 83.1471, -7.9825,
8.3822

■ 8.5288, -2.3619,
2.5739

■ 95.5983, -8.8189,
9.2524

0.0000, NaN, NaN

0.0000, NaN, NaN

108.6156, -9.6780,
10.1447

0.0000, NaN, NaN

122.1753,

0.0000, NaN, NaN

-10.5595, 11.0590

0.0000, NaN, NaN

136.2567,
-11.4629, 11.9948

■ 39.6149, -4.8661,
5.1203

■ 39.6149, -4.8661,
5.1203

■ 38.8742, -8.0644,
8.4398

■ 40.4154, -1.4647,
1.4358

■ 38.1917, -11.0410,
11.3769

■ 41.2718, 2.1262,
-2.5973

■ 37.5692, -13.7823,
13.9202

■ 42.1834, 5.8889,
-6.9580

■ 37.0069, -16.2759,
16.0624

■ 43.1485, 9.8069,
-11.6255

■ 36.5046, -18.5121,
17.8021

■ 44.1652, 13.8644,
-16.5781

■ 36.0618, -20.4847,
19.1447

■ 45.2317, 18.0464,
-21.7944

■ 35.6771, -22.1919,
20.1046

■ 46.3461, 22.3387,
-27.2537

■ 35.3485, -23.6377,
20.7062

■ 47.5063, 26.7284,
-32.9360

■ 35.0675, -24.8655,
21.0664

■ 48.7105, 31.2037,
-38.8223

Harmonies

Analogous

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



39.6158, -2.9060, 5.9517



39.6149, -4.8661, 5.1203



39.6158, -6.0740, 3.4795

Triad

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



39.6158, -4.8670, 5.1209



39.6158, -3.5216, -1.8808



39.6158, 2.1775, 2.9036

Complementary

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



39.6149, -4.8661, 5.1203



37.4952, 0.8406, -1.1219

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.



39.6158, 2.0039, 0.7860



39.6149, -4.8661, 5.1203



39.6158, -1.3196, -2.0560

Square

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



39.6158, -4.8670, 5.1209



39.6158, -5.3091, -0.5900



39.6158, 0.7124, -1.0565



39.6158, 1.1817, 4.7193

Rectangle

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



39.6149, -4.8661, 5.1203



39.6158, -6.3048, 2.1079



39.6158, 0.7124, -1.0565



39.6158, 2.2545, 2.2048

Sweetspot

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



39.6158, -4.8670, 5.1209



53.1316, -3.7831, 3.9208



38.9091, -1.6249, 4.3934



26.0507, -1.8185, 1.8829



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



39.6158, -4.8670, 5.1209



52.2811, -7.4178, 7.8086



39.3204, -5.8961, 4.5975



19.5678, -2.5657, 2.7006



37.6306, -27.0521, 22.7142



83.6927, -61.6055, 50.4926

Inverse Universe

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



37.4952, 0.8406, -1.1219



48.7009, 2.2213, -2.7371



37.8226, 1.9234, -0.4858



18.3937, 0.5950, -0.7568



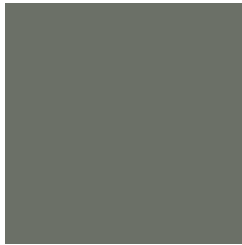
15.9107, 35.7475, -55.6081



34.7751, 78.9259, -127.7022

Previews

White Background



This preview shows how the HunterLab color 39.6149, -4.8661, 5.1203 looks on a white background.

Color Contrast Check

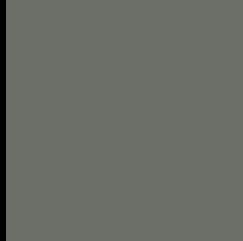
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 39.6149, -4.8661, 5.1203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

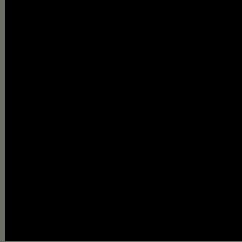
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 39.6149, -4.8661, 5.1203 Background



This preview shows how black text looks on a background with the HunterLab color 39.6149, -4.8661, 5.1203.



This preview shows how white text looks on a background with the HunterLab color 39.6149, -4.8661, 5.1203.

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

39.6149, -4.8661, 5.1203

Protanopia

39.6088, -2.1060, 5.5534

Deuteranopia

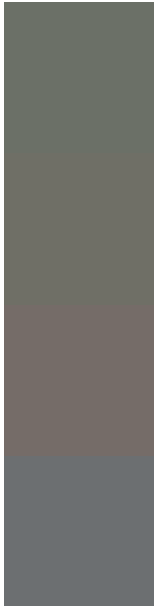
39.3935, 2.7499, 4.6108



Tritanopia

39.6372, -1.1276, -1.2331

Trichromacy



Original Color

39.6149, -4.8661, 5.1203

Protanomaly

39.6329, -3.4294, 5.5566

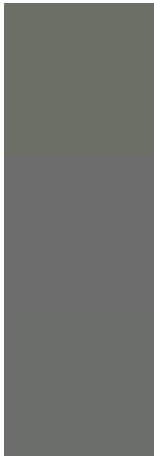
Deuteranomaly

39.3783, -0.0231, 4.5453

Tritanomaly

39.6854, -2.6585, 1.0669

Monochromacy



Original Color

39.6149, -4.8661, 5.1203

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.2448, -3.1176, 3.1131

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.6149, -4.8661, 5.1203 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(107, 112, 103)` looks like.

```
.text, #text, p{  
    color:rgb(107, 112, 103)  
}
```

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(107, 112, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 112, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 39.6149, -4.8661, 5.1203 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(107, 112, 103) }
```


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

```
.border{ border-color:rgb(107, 112, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 112, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 112, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 112, 103);  
box-shadow:4px 4px 4px 4px rgb(107, 112,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.6149, -4.8661, 5.1203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 112, 103) }
```

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

```
.background{ background-color: rgb(107,  
112, 103) }
```

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