

Converting Colors

HunterLab(39.3860, -5.0824,
0.2158)

Have a look what the booklet for
HunterLab(39.3860, -5.0824, 0.2158)
contains.

HunterLab(39.3860, -5.0824, 0.2158)	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(39.3860, -5.0824,
0.2158)**

Conversions

Conversions Part 1

Format	Color
Hex	647072
RGB	100, 112, 114
RGB Percent	39%, 44%, 45%
CMY	0.6078, 0.5608, 0.5529
CMYK	0.12, 0.02, 0.00, 0.55
HSL	189°, 7%, 42%
HSV	189°, 12%, 45%
XYZ	14.0870, 15.5126, 18.1714
YIQ	108.6400, -7.7940, -1.9220

Conversions

Conversions Part 2

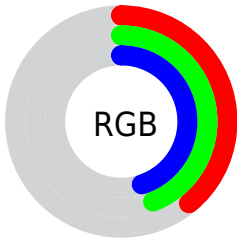
Format	Color
R_{YB}	100, 106, 114
Decimal	6582386
CIE _{Lab}	46.33, -4.05, -2.65
CIE _{LCh}	46, 4.843, 213.169
Yxy	15.5132, 0.2949, 0.3247
Android (android.graphics.Color)	4284772466 (0xFF647072)
YUV	108.6400, 2.6425, -7.5773
Hunter-Lab	39.3860, -5.0824, 0.2158

Details

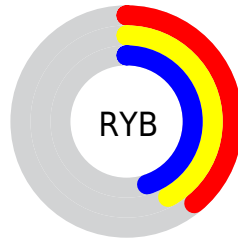
The HunterLab color $39.3860, -5.0824, 0.2158$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.4169, 1.2664, 3.9732$, and the grayscale version is $38.9616, -2.0789, 2.1169$.

A 20% lighter version of the original color is $59.9028, -6.7312, 1.0866$, and $21.9477, -3.5591, -0.4620$ is the 20% darker color. If you saturate the color by 10%, you get $38.1472, -7.1654, -1.3626$, and if you desaturate by 10%, it is $40.7085, -2.7526, 1.8497$.

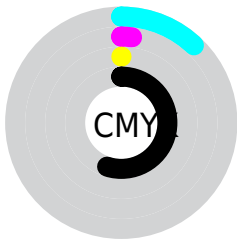
Distribution



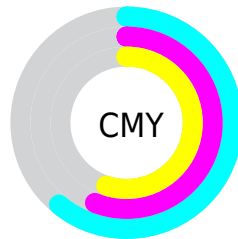
- Red (39%)
- Green (44%)
- Blue (45%)



- Red (39%)
- Yellow (42%)
- Blue (45%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.3860, -5.0824, 0.2158 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 39.3860, -5.0824, 0.2158 by changing the saturation by 10% instead.

■ 39.3860, -5.0824,
0.2158

■ 39.3860, -5.0824,
0.2158

150.4832,
-12.7371, 5.2212

■ 30.2991, -4.3404,
-0.1251

■ 59.7922, -6.6305,
1.0525

■ 22.0432, -3.6151,
-0.4070

■ 71.0104, -7.4369,
1.5379

■ 14.7132, -2.9016,
-0.6190

■ 82.8539, -8.2656,
2.0638

■ 8.3707, -2.5573,
-0.8564

■ 95.2911, -9.1164,
2.6274

0.0000, NaN, NaN

0.0000, NaN, NaN

108.2950, -9.9893,
3.2267

0.0000, NaN, NaN

121.8419,

0.0000, NaN, NaN

-10.8839, 3.8598

0.0000, NaN, NaN

135.9109,
-11.8000, 4.5251

■ 39.3860, -5.0824,
0.2158

■ 39.3860, -5.0824,
0.2158

■ 38.1472, -7.1654,
-1.3626

■ 40.7085, -2.7526,
1.8497

■ 36.9928, -8.9771,
-2.8778

■ 42.1087, -0.1965,
3.5282

■ 35.9261, -10.4976,
-4.3193

■ 43.5838, 2.5629,
5.2441

■ 34.9490, -11.7093,
-5.6772

■ 45.1300, 5.5045,
6.9904

■ 34.0621, -12.5996,
-6.9425

■ 46.7435, 8.6086,
8.7609

■ 33.2648, -13.1625,
-8.1078

■ 48.4206, 11.8570,
10.5507

■ 32.5544, -13.4015,
-9.1689

■ 50.1579, 15.2336,
12.3554

■ 31.9256, -13.3335,
-10.1262

■ 51.9518, 18.7238,
14.1717

■ 31.4635, -13.1949,
-10.8427

■ 53.7992, 22.3147,
15.9968

Harmonies

Analogous

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



39.3868, -5.6473, 1.9534



39.3860, -5.0824, 0.2158



39.3868, -3.7215, -1.0486

Triad

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



39.3868, -5.0831, 0.2164



39.3868, 1.1731, 0.5606



39.3868, -2.3033, 5.4241

Complementary

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



39.3860, -5.0824, 0.2158



37.4169, 1.2664, 3.9732

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.



39.3868, -0.4593, 5.0897



39.3860, -5.0824, 0.2158



39.3868, 1.5698, 2.3335

Square

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



39.3868, -5.0831, 0.2164



39.3868, -0.1070, -0.8434



39.3868, 0.9670, 3.9787



39.3868, -4.0613, 4.9142

Rectangle

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



39.3860, -5.0824, 0.2158



39.3868, -2.5326, -1.4243



39.3868, 0.9670, 3.9787



39.3868, -1.6730, 5.4067

Sweetspot

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



39.3868, -5.0831, 0.2164



53.6368, -4.2352, 2.0525



39.6244, -7.7855, 5.5224



25.7410, -2.1310, 0.9223



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.



39.3868, -5.0831, 0.2164



51.6898, -7.6323, -0.3715



37.4898, -2.0047, -2.1112



19.3340, -2.1082, 0.3638



33.1689, -13.8861, -11.4822



73.3796, -30.1466, -26.6403

Inverse Universe

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



37.2316, 3.9863, -1.4007



48.1369, 7.3872, -3.0710



39.2513, -1.8653, 5.9416



18.5625, 1.1233, -0.2074



22.2631, 42.5016, -19.5308



49.5918, 94.5168, -42.2895

Previews

White Background



This preview shows how the HunterLab color 39.3860, -5.0824, 0.2158 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 39.3860, -5.0824, 0.2158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

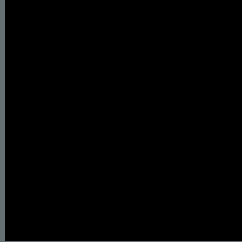
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

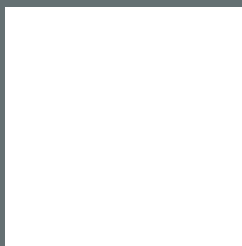
Any Text WCAG AAA × Fail

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

HunterLab 39.3860, -5.0824, 0.2158 Background



This preview shows how black text looks on a background with the HunterLab color 39.3860, -5.0824, 0.2158.



This preview shows how white text looks on a background with the HunterLab color 39.3860, -5.0824,

0.2158.

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

39.3860, -5.0824, 0.2158

Protanopia

39.3531, -1.0621, 1.1353

Deuteranopia

39.2396, 2.8397, -0.2786



Tritanopia

39.3594, -3.3853, -2.5734

Trichromacy



Original Color

39.3860, -5.0824, 0.2158

Protanomaly

39.3318, -2.4807, 0.6424

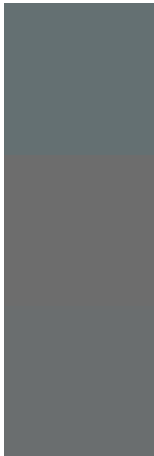
Deuteranomaly

39.1694, -0.1321, -0.4177

Tritanomaly

39.2983, -3.7223, -1.7084

Monochromacy



Original Color

39.3860, -5.0824, 0.2158

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.1966, -3.0669, 1.3507

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.3860, -5.0824, 0.2158 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(100, 112, 114)` looks like.

```
.text, #text, p{  
    color:rgb(100, 112, 114)  
}
```

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(100, 112, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 112, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 39.3860, -5.0824, 0.2158 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(100, 112, 114) }
```


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

```
.border{ border-color:rgb(100, 112, 114) }
```

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

Here you see how a box with a 4 pixel rgb(100, 112, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 112, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 112, 114);  
box-shadow:4px 4px 4px 4px rgb(100, 112,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.3860, -5.0824, 0.2158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 112, 114) }
```

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

```
.background{ background-color: rgb(100,  
112, 114) }
```

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