

Converting Colors

HunterLab(38.9076, -10.8665,
-0.4535)

Have a look what the booklet for
HunterLab(38.9076, -10.8665,
-0.4535) contains.

| | |
|--|----|
| HunterLab(38.9639, -11.0310, -0.4080) | 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(38.9639,
-11.0310, -0.4080)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 507372 |
| RGB | 80, 115, 114 |
| RGB Percent | 31%, 45%, 45% |
| CMY | 0.6863, 0.5490, 0.5529 |
| CMYK | 0.30, 0.00, 0.01, 0.55 |
| HSL | 178°, 18%, 38% |
| HSV | 178°, 30%, 45% |
| XYZ | 12.4763, 15.1819, 18.1924 |
| YIQ | 104.4210, -20.5390, -7.7310 |

Conversions

Conversions Part 2

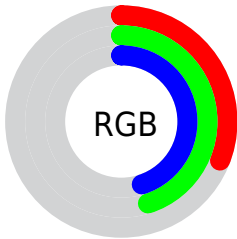
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 80, 98, 115 |
| Decimal | 5272434 |
| CIELab | 45.88, -12.63, -3.46 |
| CIELCh | 46, 13.092, 195.330 |
| Yxy | 15.1825, 0.2721, 0.3311 |
| Android (android.graphics.Color) | 4283462514 (0xFF507372) |
| YUV | 104.4210, 4.7224, -21.4172 |
| Hunter-Lab | 38.9639, -11.0310, -0.4080 |

Details

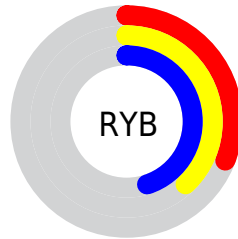
The HunterLab color $38.9639, -11.0310, -0.4080$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $31.5859, 9.2883, 5.0120$, and the grayscale version is $37.3547, -1.9932, 2.0296$.

A 20% lighter version of the original color is $59.3430, -13.4264, 0.2876$, and $21.7508, -8.3748, -0.7937$ is the 20% darker color. If you saturate the color by 10%, you get $38.3621, -13.3045, -1.0475$, and if you desaturate by 10%, it is $39.6663, -8.4355, 0.3518$.

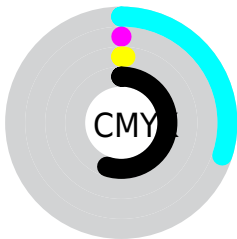
Distribution



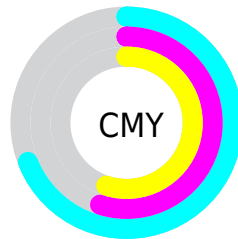
- Red (31%)
- Green (45%)
- Blue (45%)



- Red (31%)
- Yellow (38%)
- Blue (45%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (55%)



- Cyan (69%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.9639, -11.0310, -0.4080 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 38.9639, -11.0310, -0.4080 by changing the saturation by 10% instead.

■ 38.9639, -11.0310,
-0.4080

■ 38.9639, -11.0310,
-0.4080

■ 149.8226,
-22.4275, 4.2690

■ 29.9124, -9.7173,
-0.7012

■ 59.3068, -13.5846,
0.3426

■ 21.6956, -8.3543,
-0.9311

■ 70.4963, -14.8436,
0.7886

■ 14.4097, -6.9079,
-1.0858

■ 82.3126, -16.0989,
1.2770

■ 8.0703, -7.2485,
-1.3385

■ 94.7239, -17.3545,
1.8049

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.7031,
-18.6133, 2.3700

0.0000, NaN, NaN

121.2263,

0.0000, NaN, NaN

-19.8773, 2.9701

0.0000, NaN, NaN

135.2724,
-21.1483, 3.6037

■ 38.9639, -11.0310,
-0.4080

■ 38.9639, -11.0310,
-0.4080

■ 38.3621, -13.3045,
-1.0475

■ 39.6663, -8.4355,
0.3518

■ 37.8575, -15.2413,
-1.5654

■ 40.4668, -5.5353,
1.2248

■ 37.4485, -16.8361,
-1.9602

■ 41.3651, -2.3537,
2.2048

■ 37.1312, -18.0913,
-2.2342

■ 42.3591, 1.0840,
3.2837

■ 36.9000, -19.0189,
-2.3930

■ 43.4462, 4.7511,
4.4529

■ 36.7472, -19.6423,
-2.4458

■ 44.6231, 8.6209,
5.7037

■ 36.6407, -20.0838,
-2.4426

■ 45.8864, 12.6675,
7.0272

■ 47.2322, 16.8667,
8.4151

■ 48.6566, 21.1960,
9.8596

Harmonies

Analogous

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



38.9647, -11.0578, 4.3939



38.9639, -11.0310, -0.4080



38.9647, -8.6910, -5.0557

Triad

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



38.9647, -11.0315, -0.4074



38.9647, 5.0859, -4.9666



38.9647, 0.4148, 10.0576

Complementary

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



38.9639, -11.0310, -0.4080



31.5859, 9.2883, 5.0120

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.



38.9647, 5.0010, 8.1483



38.9639, -11.0310, -0.4080



38.9647, 7.7898, -0.2977

Square

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



38.9647, -11.0315, -0.4074



38.9647, 0.5259, -7.9078



38.9647, 7.7580, 4.4905



38.9647, -4.6214, 10.0361

Rectangle

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



38.9639, -11.0310, -0.4080



38.9647, -6.0614, -7.2668



38.9647, 7.7580, 4.4905



38.9647, 2.0655, 9.6321

Sweetspot

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



38.9647, -11.0315, -0.4074



54.2875, -6.9161, 1.7888



38.2073, -15.5337, 11.4935



26.4489, -3.6168, 0.8009



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



38.9647, -11.0315, -0.4074



51.5202, -17.0955, -1.2059



34.3576, -3.8415, -6.8873



20.3803, -2.5672, 0.6799



39.1752, -21.4776, -2.6017



86.4668, -47.4903, -5.5579

Inverse Universe

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



31.5859, 9.2883, 5.0120



39.4002, 16.5031, 7.7773



35.5686, 1.6505, 9.2946



19.2416, 0.5380, 1.5051



20.4316, 35.0273, 12.9112



45.0790, 77.2340, 28.8595

Previews

White Background



This preview shows how the HunterLab color 38.9639, -11.0310, -0.4080 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 38.9639, -11.0310, -0.4080 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

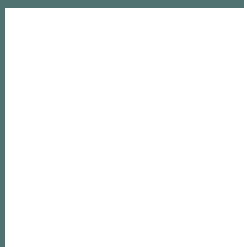
Any Text WCAG AAA × Fail

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

HunterLab 38.9639, -11.0310, -0.4080 Background



This preview shows how black text looks on a background with the HunterLab color 38.9639, -11.0310, -0.4080.



This preview shows how white text looks on a background with the HunterLab color 38.9639, -11.0310, -0.4080.

-11.0310, -0.4080.

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

38.9639, -11.0310, -0.4080

Protanopia

38.9434, -1.1968, 1.5166

Deuteranopia

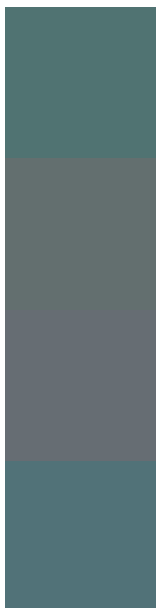
38.7414, 2.5781, -1.3695



Tritanopia

39.0622, -8.6238, -4.5236

Trichromacy



Original Color

38.9639, -11.0310, -0.4080

Protanomaly

38.9477, -5.3737, 1.0116

Deuteranomaly

38.7297, -3.0562, -1.0186

Tritanomaly

38.9102, -9.3692, -3.2640

Monochromacy



Original Color

38.9639, -11.0310, -0.4080

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.7369, -5.5477, 0.8658

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.9639, -11.0310, -0.4080 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(80, 115, 114)` looks like.

```
.text, #text, p{  
    color:rgb(80, 115, 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(80, 115, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 115, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 38.9639, -11.0310, -0.4080 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(80, 115, 114) }
```


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

```
.border{ border-color:rgb(80, 115, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 115, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 115, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 115, 114);  
box-shadow:4px 4px 4px 4px rgb(80, 115,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.9639, -11.0310, -0.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 115, 114) }
```

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

```
.background{ background-color: rgb(80, 115,  
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