

Converting Colors

HunterLab(38.8504, -11.7929,
2.0815)

Have a look what the booklet for
HunterLab(38.8504, -11.7929,
2.0815) contains.

HunterLab(38.8504, -11.7929, 2.0815)	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(38.8504,
-11.7929, 2.0815)**

Conversions

Conversions Part 1

Format	Color
Hex	51736C
RGB	81, 115, 108
RGB Percent	32%, 45%, 42%
CMY	0.6823, 0.5490, 0.5765
CMYK	0.30, 0.00, 0.06, 0.55
HSL	168°, 17%, 38%
HSV	168°, 30%, 45%
XYZ	12.2309, 15.0935, 16.4561
YIQ	104.0360, -18.0170, -9.3850

Conversions

Conversions Part 2

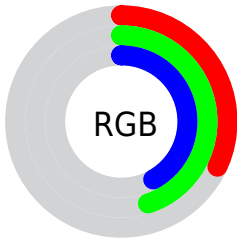
Format	Color
R _Y B	81, 100, 115
Decimal	5337964
CIE Lab	45.76, -13.79, -0.05
CIE LCh	46, 13.785, 180.192
Yxy	15.0942, 0.2794, 0.3448
Android (android.graphics.Color)	4283528044 (0xFF51736C)
YUV	104.0360, 1.9543, -20.2026
Hunter-Lab	38.8504, -11.7929, 2.0815

Details

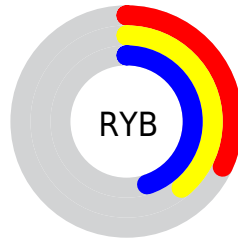
The HunterLab color $38.8504, -11.7929, 2.0815$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $31.9917, 9.7120, 2.7714$, and the grayscale version is $37.2185, -1.9859, 2.0222$.

A 20% lighter version of the original color is $59.1320, -14.6210, 3.2924$, and $21.6594, -8.9844, 1.1040$ is the 20% darker color. If you saturate the color by 10%, you get $38.1820, -14.4427, 2.2560$, and if you desaturate by 10%, it is $39.6196, -8.8295, 2.0250$.

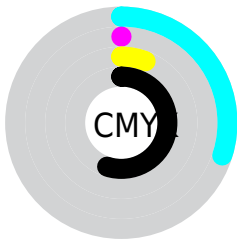
Distribution



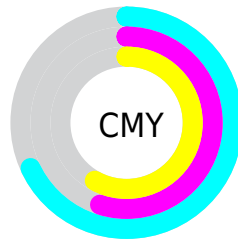
- Red (32%)
- Green (45%)
- Blue (42%)



- Red (32%)
- Yellow (39%)
- Blue (45%)



- Cyan (30%)
- Magenta (0%)
- Yellow (6%)
- Black (55%)



- Cyan (68%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8504, -11.7929, 2.0815 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 38.8504, -11.7929, 2.0815 by changing the saturation by 10% instead.

■ 38.8504, -11.7929,
2.0815

■ 38.8504, -11.7929,
2.0815

149.6447,
-23.7075, 8.0943

■ 29.8085, -10.3988,
1.5926

■ 59.1762, -14.4871,
3.1835

■ 21.6022, -8.9454,
1.1489

■ 70.3580, -15.8088,
3.7899

■ 14.3282, -7.3937,
0.7564

■ 82.1669, -17.1233,
4.4306

■ 7.9874, -7.9471,
0.4107

■ 94.5713, -18.4348,
5.1037

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.5438,
-19.7468, 5.8079

0.0000, NaN, NaN

121.0605,

0.0000, NaN, NaN

-21.0617, 6.5419

0.0000, NaN, NaN

135.1005,
-22.3814, 7.3043

■ 38.8504, -11.7929,
2.0815

■ 38.8504, -11.7929,
2.0815

■ 38.1820, -14.4427,
2.2560

■ 39.6196, -8.8295,
2.0250

■ 37.6114, -16.7594,
2.5446

■ 40.4865, -5.5734,
2.0848

■ 37.1377, -18.7325,
2.9428

■ 41.4503, -2.0511,
2.2596

■ 36.7576, -20.3593,
3.4431

■ 42.5085, 1.7096,
2.5458

■ 36.4659, -21.6469,
4.0355

■ 43.6583, 5.6807,
2.9384

■ 36.2555, -22.6141,
4.7068

■ 44.8962, 9.8348,
3.4315

■ 36.0942, -23.3844,
5.4157

■ 46.2184, 14.1461,
4.0188

■ 36.0873, -23.4177,
5.4461

■ 47.6210, 18.5907,
4.6934

■ 49.0999, 23.1472,
5.4487

Harmonies

Analogous

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



38.8512, -10.5667, 6.6518



38.8504, -11.7929, 2.0815



38.8512, -10.5353, -3.1096

Triad

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



38.8512, -11.7935, 2.0820



38.8512, 3.2097, -7.2815



38.8512, 3.1470, 9.6528

Complementary

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



38.8504, -11.7929, 2.0815



31.9917, 9.7120, 2.7714

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.



38.8512, 7.1774, 6.7014



38.8504, -11.7929, 2.0815



38.8512, 7.2149, -3.0454

Square

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



38.8512, -11.7935, 2.0820



38.8512, -2.0407, -8.9411



38.8512, 8.7037, 2.1475



38.8512, -2.1095, 10.6487

Rectangle

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



38.8504, -11.7929, 2.0815



38.8512, -8.4156, -6.1367



38.8512, 8.7037, 2.1475



38.8512, 4.7001, 8.8780

Sweetspot

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



38.8512, -11.7935, 2.0820



54.2169, -7.3084, 2.7950



38.6638, -13.7579, 11.6457



26.4100, -3.8337, 1.3562



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.



38.8512, -11.7935, 2.0820



51.4039, -18.0844, 2.9160



36.2846, -6.5439, -4.2607



20.3543, -2.7115, 1.0500



38.5801, -25.0623, 5.8806



85.0921, -55.7754, 14.0453

Inverse Universe

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



31.9917, 9.7120, 2.7714



40.3976, 16.5696, 4.0993



34.1453, 4.3669, 7.5990



19.2667, 0.6734, 1.1467



20.5862, 35.5997, 10.6260



45.3306, 78.1663, 25.1346

Previews

White Background



This preview shows how the HunterLab color 38.8504, -11.7929, 2.0815 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 38.8504, -11.7929, 2.0815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

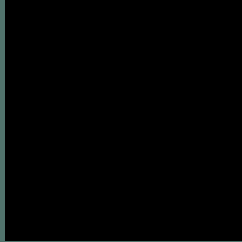
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

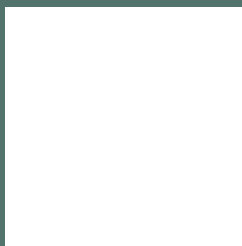
Any Text WCAG AAA × Fail

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

HunterLab 38.8504, -11.7929, 2.0815 Background



This preview shows how black text looks on a background with the HunterLab color 38.8504, -11.7929, 2.0815.



This preview shows how white text looks on a background with the HunterLab color 38.8504,

-11.7929, 2.0815.

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

38.8504, -11.7929, 2.0815

Protanopia

38.8640, -1.7965, 3.9363

Deuteranopia

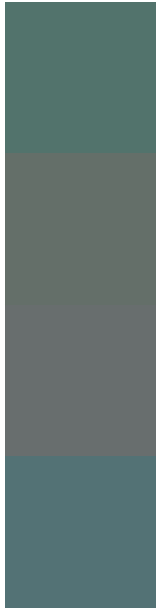
38.7438, 2.2375, 1.3381



Tritanopia

38.8590, -7.9468, -4.2875

Trichromacy



Original Color

38.8504, -11.7929, 2.0815

Protanomaly

38.8563, -6.0286, 3.4448

Deuteranomaly

38.7098, -3.4712, 1.6320

Tritanomaly

38.9333, -9.4689, -1.8045

Monochromacy



Original Color

38.8504, -11.7929, 2.0815

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.7251, -5.7562, 2.1410

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8504, -11.7929, 2.0815 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(81, 115, 108)` looks like.

```
.text, #text, p{  
    color:rgb(81, 115, 108)  
}
```

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(81, 115, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 115, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8504, -11.7929, 2.0815 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(81, 115, 108) }
```


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

```
.border{ border-color:rgb(81, 115, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 115, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 115, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 115, 108);  
box-shadow:4px 4px 4px 4px rgb(81, 115,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.8504, -11.7929, 2.0815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 115, 108) }
```

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

```
.background{ background-color: rgb(81, 115,  
108) }
```

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