

Converting Colors

HunterLab(38.1336, -7.8968,
-2.3873)

Have a look what the booklet for
HunterLab(38.1336, -7.8968,
-2.3873) contains.

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Color

HunterLab(38.1590, -7.9171,
-2.2979)

Conversions

Conversions Part 1

Format	Color
Hex	556F74
RGB	85, 111, 116
RGB Percent	33%, 44%, 45%
CMY	0.6667, 0.5647, 0.5451
CMYK	0.27, 0.04, 0.00, 0.55
HSL	190°, 15%, 39%
HSV	190°, 27%, 45%
XYZ	12.5831, 14.5611, 18.6703
YIQ	103.7960, -17.1010, -3.9570

Conversions

Conversions Part 2

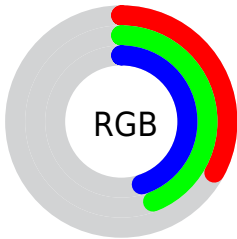
Format	Color
R_{YB}	85, 99, 116
Decimal	5599092
CIE _{Lab}	45.03, -8.22, -5.89
CIE _{LCh}	45, 10.111, 215.642
Yxy	14.5617, 0.2747, 0.3178
Android (android.graphics.Color)	4283789172 (0xFF556F74)
YUV	103.7960, 6.0166, -16.4841
Hunter-Lab	38.1590, -7.9171, -2.2979

Details

The HunterLab color $38.1590, -7.9171, -2.2979$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $34.1778, 5.4642, 6.2464$, and the grayscale version is $37.1125, -1.9802, 2.0164$.

A 20% lighter version of the original color is $58.4572, -10.2160, -1.7314$, and $20.9390, -5.7819, -2.6840$ is the 20% darker color. If you saturate the color by 10%, you get $36.9575, -9.5510, -3.9019$, and if you desaturate by 10%, it is $39.4492, -6.0021, -0.6301$.

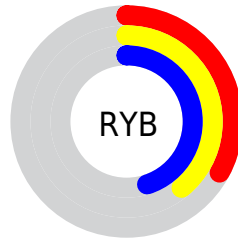
Distribution



Red (33%)

Green (44%)

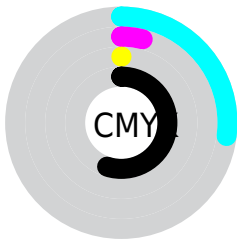
Blue (45%)



Red (33%)

Yellow (39%)

Blue (45%)

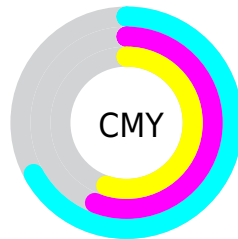


Cyan (27%)

Magenta (4%)

Yellow (0%)

Black (55%)



Cyan (67%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1590, -7.9171, -2.2979 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 38.1590, -7.9171, -2.2979 by changing the saturation by 10% instead.

■ 38.1590, -7.9171,
-2.2979

■ 38.1590, -7.9171,
-2.2979

■ 148.5590,
-17.3589, 1.4279

■ 29.1759, -6.9014,
-2.4551

■ 58.3801, -9.9458,
-1.7947

■ 21.0345, -5.8704,
-2.5387

■ 69.5144, -10.9684,
-1.4625

■ 13.8338, -4.8045,
-2.5347

■ 81.2784, -12.0008,
-1.0825

■ 7.4607, -5.1977,
-2.8754

■ 93.6400, -13.0450,
-0.6584

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.5716,
-14.1021, -0.1930

0.0000, NaN, NaN

120.0491,

0.0000, NaN, NaN

-15.1730, 0.3112

0.0000, NaN, NaN

134.0512,
-16.2585, 0.8521

■ 38.1590, -7.9171,
-2.2979

■ 38.1590, -7.9171,
-2.2979

■ 36.9575, -9.5510,
-3.9019

■ 39.4492, -6.0021,
-0.6301

■ 35.8450, -10.8816,
-5.4334

■ 40.8224, -3.8268,
1.0895

■ 34.8241, -11.8925,
-6.8814

■ 42.2759, -1.4149,
2.8525

■ 33.8953, -12.5725,
-8.2364

■ 43.8058, 1.2107,
4.6505

■ 33.0577, -12.9178,
-9.4910

■ 45.4082, 4.0284,
6.4764

■ 32.3080, -12.9356,
-10.6409

■ 47.0792, 7.0177,
8.3241

■ 31.6289, -12.6898,
-11.7060

■ 48.8149, 10.1601,
10.1885

■ 31.4090, -12.6008,
-12.0569

■ 50.6117, 13.4386,
12.0655

■ 52.4660, 16.8383,
13.9518

Harmonies

Analogous

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



38.1598, -9.1870, 1.3723



38.1590, -7.9171, -2.2979



38.1598, -5.0686, -4.9754

Triad

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



38.1598, -7.9176, -2.2973



38.1598, 5.0038, -0.9695



38.1598, -2.7694, 8.4902

Complementary

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



38.1590, -7.9171, -2.2979



34.1778, 5.4642, 6.2464

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.



38.1598, 1.0899, 7.9969



38.1590, -7.9171, -2.2979



38.1598, 5.6790, 2.7688

Square

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



38.1598, -7.9176, -2.2973



38.1598, 2.4104, -4.1567



38.1598, 4.2203, 5.9881



38.1598, -6.2918, 7.4095

Rectangle

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



38.1590, -7.9171, -2.2979



38.1598, -2.6037, -5.7043



38.1598, 4.2203, 5.9881



38.1598, -1.4693, 8.5015

Sweetspot

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



38.1598, -7.9176, -2.2973



53.8471, -5.5208, 1.1034



38.9288, -13.9157, 9.1303



26.1857, -2.8813, 0.3964



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.



38.1598, -7.9176, -2.2973



49.6088, -11.8619, -4.3515



33.9572, -1.2441, -7.9473



20.1484, -2.1663, 0.3413



33.2398, -13.3051, -12.8251



72.6599, -28.4244, -29.4583

Inverse Universe

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



33.7016, 11.5739, -5.4891



42.5012, 19.6012, -9.5466



38.0826, -1.4495, 10.0602



19.3605, 1.1775, -0.1880



22.6702, 43.1132, -18.6050



49.9390, 94.8001, -39.6526

Previews

White Background



This preview shows how the HunterLab color 38.1590, -7.9171, -2.2979 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 38.1590, -7.9171, -2.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

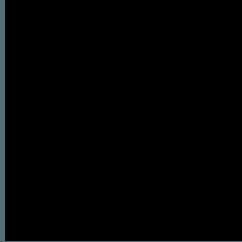
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

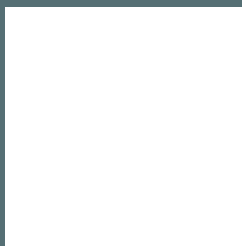
Any Text WCAG AAA × Fail

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

HunterLab 38.1590, -7.9171, -2.2979 Background



This preview shows how black text looks on a background with the HunterLab color 38.1590, -7.9171, -2.2979.



This preview shows how white text looks on a background with the HunterLab color 38.1590, -7.9171, -2.2979.

-2.2979.

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

38.1590, -7.9171, -2.2979

Protanopia

38.1635, -0.9373, -0.7715

Deuteranopia

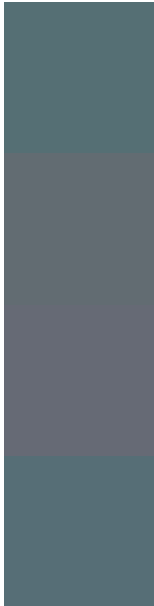
37.9315, 2.6819, -3.3703



Tritanopia

38.0292, -6.7364, -3.8945

Trichromacy



Original Color

38.1590, -7.9171, -2.2979

Protanomaly

38.1270, -3.8148, -1.3291

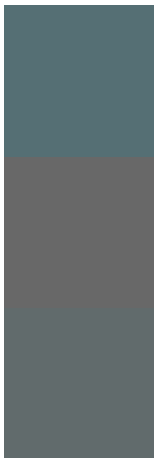
Deuteranomaly

37.9700, -1.3638, -2.9063

Tritanomaly

37.9978, -6.9126, -3.4507

Monochromacy



Original Color

38.1590, -7.9171, -2.2979

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.6025, -4.5952, 0.7200

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1590, -7.9171, -2.2979 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(85, 111, 116)` looks like.

```
.text, #text, p{  
    color:rgb(85, 111, 116)  
}
```

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(85, 111, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 111, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1590, -7.9171, -2.2979 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(85, 111, 116) }
```


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

```
.border{ border-color:rgb(85, 111, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 111, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 111, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 111, 116);  
box-shadow:4px 4px 4px 4px rgb(85, 111,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1590, -7.9171, -2.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 111, 116) }
```

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

```
.background{ background-color: rgb(85, 111,  
116) }
```

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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