

Converting Colors

HunterLab(38.6081, -12.0797,
-0.0786)

Have a look what the booklet for
HunterLab(38.6081, -12.0797,
-0.0786) contains.

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Color

**HunterLab(38.6883,
-12.1734, 0.1343)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7370
RGB	76, 115, 112
RGB Percent	30%, 45%, 44%
CMY	0.7020, 0.5490, 0.5608
CMYK	0.34, 0.00, 0.03, 0.55
HSL	175°, 20%, 37%
HSV	175°, 34%, 45%
XYZ	12.0359, 14.9678, 17.5840
YIQ	102.9970, -22.2810, -9.2010

Conversions

Conversions Part 2

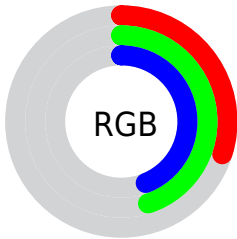
Format	Color
R_{YB}	76, 96, 115
Decimal	5010288
CIE Lab	45.59, -14.39, -2.72
CIE LCh	46, 14.648, 190.714
Yxy	14.9684, 0.2699, 0.3357
Android (android.graphics.Color)	4283200368 (0xFF4C7370)
YUV	102.9970, 4.4385, -23.6764
Hunter-Lab	38.6883, -12.1734, 0.1343

Details

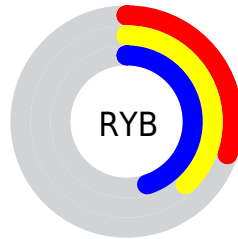
The HunterLab color $[38.6883, -12.1734, 0.1343]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[30.6247, 10.9095, 4.7395]$, and the grayscale version is $[36.8179, -1.9645, 2.0004]$.

A 20% lighter version of the original color is $[59.0168, -14.7445, 0.8232]$, and $[21.5206, -9.3651, -0.2664]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.1040, -14.4317, -0.2259]$, and if you desaturate by 10%, it is $[39.3728, -9.5907, 0.6184]$.

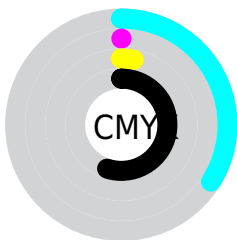
Distribution



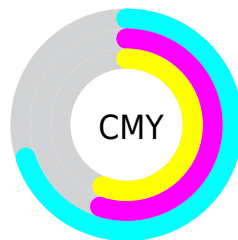
- Red (30%)
- Green (45%)
- Blue (44%)



- Red (30%)
- Yellow (38%)
- Blue (45%)



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (55%)



- Cyan (70%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.6883, -12.1734, 0.1343 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 38.6883, -12.1734, 0.1343 by changing the saturation by 10% instead.

■ 38.6883, -12.1734,
0.1343

■ 38.6883, -12.1734,
0.1343

149.3905,
-24.3614, 5.0858

■ 29.6601, -10.7362,
-0.1984

■ 58.9897, -14.9421,
0.9564

■ 21.4690, -9.2340,
-0.4710

■ 70.1604, -16.2972,
1.4353

■ 14.2121, -7.6252,
-0.6724

■ 81.9588, -17.6427,
1.9550

■ 7.8674, -8.3919,
-1.0065

■ 94.3532, -18.9837,
2.5128

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.3161,
-20.3237, 3.1066

0.0000, NaN, NaN

120.8237,

0.0000, NaN, NaN

-21.6653, 3.7344

0.0000, NaN, NaN

134.8548,
-23.0107, 4.3946

■ 38.6883, -12.1734,
0.1343

■ 38.6883, -12.1734,
0.1343

■ 38.1040, -14.4317,
-0.2259

■ 39.3728, -9.5907,
0.6184

■ 37.6161, -16.3522,
-0.4630

■ 40.1553, -6.7000,
1.2214

■ 37.2228, -17.9310,
-0.5783

■ 41.0356, -3.5242,
1.9391

■ 36.9196, -19.1725,
-0.5767

■ 42.0120, -0.0884,
2.7648

■ 36.7004, -20.0916,
-0.4662

■ 43.0819, 3.5805,
3.6910

■ 36.5544, -20.7240,
-0.2614

■ 44.2422, 7.4556,
4.7098

■ 36.4771, -21.0637,
-0.1226

■ 45.4895, 11.5108,
5.8128

■ 46.8200, 15.7212,
6.9919

■ 48.2298, 20.0641,
8.2392

Harmonies

Analogous

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



38.6891, -11.7970, 5.3666



38.6883, -12.1734, 0.1343



38.6891, -9.9624, -5.2606

Triad

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



38.6891, -12.1739, 0.1349



38.6891, 5.2788, -6.5760



38.6891, 1.5880, 10.6466

Complementary

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



38.6883, -12.1734, 0.1343



30.6247, 10.9095, 4.7395

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.



38.6891, 6.5184, 8.2593



38.6883, -12.1734, 0.1343



38.6891, 8.7323, -1.4657

Square

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



38.6891, -12.1739, 0.1349



38.6891, -0.0258, -9.4882



38.6891, 9.1986, 3.9785



38.6891, -4.0656, 10.9473

Rectangle

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



38.6883, -12.1734, 0.1343



38.6891, -7.2392, -8.0367



38.6891, 9.1986, 3.9785



38.6891, 3.3933, 10.0796

Sweetspot

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



38.6891, -12.1739, 0.1349



54.1483, -7.4569, 1.9676



38.0222, -16.3956, 12.4796



26.3849, -3.8698, 0.9103



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.



38.6891, -12.1739, 0.1349



51.1223, -18.7906, -0.2261



34.1339, -4.7540, -7.2246



20.3732, -2.6068, 0.7814



38.9991, -22.5319, -0.1057



86.0580, -49.9385, 0.2378

Inverse Universe

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



30.6247, 10.9095, 4.7395



37.9895, 19.0910, 7.3943



34.4454, 3.0673, 9.5090



19.2484, 0.5746, 1.4080



20.4633, 35.1450, 12.4409



45.1147, 77.3662, 28.3305

Previews

White Background



This preview shows how the HunterLab color 38.6883, -12.1734, 0.1343 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 38.6883, -12.1734, 0.1343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

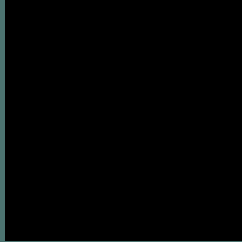
Any Text WCAG AA × Fail

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 38.6883, -12.1734, 0.1343 Background



This preview shows how black text looks on a background with the HunterLab color 38.6883, -12.1734, 0.1343.



This preview shows how white text looks on a background with the HunterLab color 38.6883,

-12.1734, 0.1343.

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

38.6883, -12.1734, 0.1343

Protanopia

38.5073, -1.4795, 2.2849

Deuteranopia

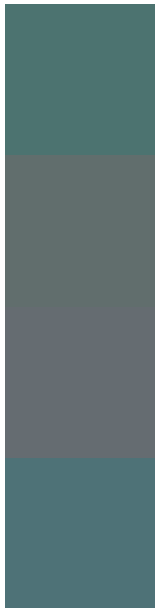
38.4192, 2.7266, -0.8462



Tritanopia

38.6039, -8.8115, -5.1470

Trichromacy



Original Color

38.6883, -12.1734, 0.1343

Protanomaly

38.4674, -5.7596, 1.3029

Deuteranomaly

38.3198, -3.1961, -0.6157

Tritanomaly

38.7121, -10.1599, -3.0537

Monochromacy



Original Color

38.6883, -12.1734, 0.1343

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.2601, -5.9285, 1.1580

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.6883, -12.1734, 0.1343 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(76, 115, 112)` looks like.

```
.text, #text, p{  
    color:rgb(76, 115, 112)  
}
```

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(76, 115, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 115, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 38.6883, -12.1734, 0.1343 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(76, 115, 112) }
```


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

```
.border{ border-color:rgb(76, 115, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 115, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 115, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 115, 112);  
box-shadow:4px 4px 4px 4px rgb(76, 115,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.6883, -12.1734, 0.1343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 115, 112) }
```

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

```
.background{ background-color: rgb(76, 115,  
112) }
```

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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