

Converting Colors

HunterLab(38.6382, -11.9184,
-0.5785)

Have a look what the booklet for
HunterLab(38.6382, -11.9184,
-0.5785) contains.

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Color

**HunterLab(38.7172,
-12.0074, -0.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7371
RGB	76, 115, 113
RGB Percent	30%, 45%, 44%
CMY	0.7020, 0.5490, 0.5569
CMYK	0.34, 0.00, 0.02, 0.55
HSL	177°, 20%, 37%
HSV	177°, 34%, 45%
XYZ	12.0918, 14.9902, 17.8789
YIQ	103.1110, -22.6020, -8.8900

Conversions

Conversions Part 2

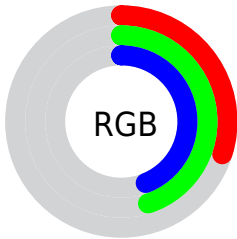
Format	Color
R_{YB}	76, 96, 115
Decimal	5010289
CIE _{Lab}	45.62, -14.14, -3.28
CIE _{LCh}	46, 14.511, 193.047
Yxy	14.9908, 0.2689, 0.3334
Android (android.graphics.Color)	4283200369 (0xFF4C7371)
YUV	103.1110, 4.8753, -23.7763
Hunter-Lab	38.7172, -12.0074, -0.2770

Details

The HunterLab color $38.7172, -12.0074, -0.2770$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $30.6009, 10.7899, 5.0789$, and the grayscale version is $36.8593, -1.9667, 2.0026$.

A 20% lighter version of the original color is $59.0475, -14.5701, 0.3862$, and $21.5472, -9.2088, -0.6449$ is the 20% darker color. If you saturate the color by 10%, you get $38.1417, -14.2128, -0.7617$, and if you desaturate by 10%, it is $39.3930, -9.4761, 0.3307$.

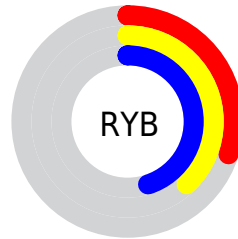
Distribution



Red (30%)

Green (45%)

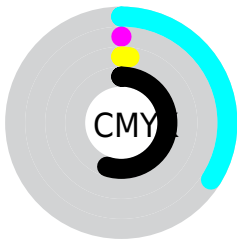
Blue (44%)



Red (30%)

Yellow (38%)

Blue (45%)

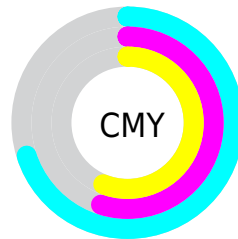


Cyan (34%)

Magenta (0%)

Yellow (2%)

Black (55%)



Cyan (70%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7172, -12.0074, -0.2770 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 38.7172, -12.0074, -0.2770 by changing the saturation by 10% instead.

■ 38.7172, -12.0074,
-0.2770

■ 38.7172, -12.0074,
-0.2770

■ 149.4358,
-24.0801, 4.4620

■ 29.6866, -10.5882,
-0.5790

■ 59.0229, -14.7448,
0.4896

■ 21.4927, -9.1063,
-0.8182

■ 70.1956, -16.0858,
0.9430

■ 14.2328, -7.5211,
-0.9829

■ 81.9959, -17.4182,
1.4384

■ 7.8889, -8.2296,
-1.2918

■ 94.3921, -18.7468,
1.9731

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.3567,
-20.0749, 2.5447

0.0000, NaN, NaN

120.8659,

0.0000, NaN, NaN

-21.4052, 3.1512

0.0000, NaN, NaN

134.8986,
-22.7398, 3.7908

■ 38.7172, -12.0074,
-0.2770

■ 38.7172, -12.0074,
-0.2770

■ 38.1417, -14.2128,
-0.7617

■ 39.3930, -9.4761,
0.3307

■ 37.6627, -16.0796,
-1.1235

■ 40.1669, -6.6350,
1.0558

■ 37.2781, -17.6046,
-1.3627

■ 41.0388, -3.5065,
1.8930

■ 36.9835, -18.7929,
-1.4834

■ 42.0070, -0.1154,
2.8353

■ 36.7727, -19.6597,
-1.4931

■ 43.0690, 3.5117,
3.8747

■ 36.6350, -20.2413,
-1.4058

■ 44.2217, 7.3480,
5.0026

■ 36.5627, -20.5505,
-1.3375

■ 45.4617, 11.3672,
6.2105

■ 46.7852, 15.5446,
7.4900

■ 48.1884, 19.8571,
8.8331

Harmonies

Analogous

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



38.7180, -11.8374, 4.9765



38.7172, -12.0074, -0.2770



38.7180, -9.6259, -5.5552

Triad

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



38.7180, -12.0079, -0.2764



38.7180, 5.5583, -6.1488



38.7180, 1.1216, 10.6798

Complementary

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



38.7172, -12.0074, -0.2770



30.6009, 10.7899, 5.0789

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.



38.7180, 6.1182, 8.4668



38.7172, -12.0074, -0.2770



38.7180, 8.7778, -0.9993

Square

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



38.7180, -12.0079, -0.2764



38.7180, 0.3925, -9.2560



38.7180, 8.9883, 4.3489



38.7180, -4.4685, 10.8160

Rectangle

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



38.7172, -12.0074, -0.2770



38.7180, -6.8280, -8.1780



38.7180, 8.9883, 4.3489



38.7180, 2.9338, 10.1702

Sweetspot

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



38.7180, -12.0079, -0.2764



54.1598, -7.3934, 1.8048



37.9856, -16.5371, 12.4443



26.3911, -3.8353, 0.8220



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.



38.7180, -12.0079, -0.2764



51.1707, -18.5108, -0.9125



33.9542, -4.4703, -7.4794



20.3769, -2.5858, 0.7276



39.0912, -21.9798, -1.4126



86.2716, -48.6574, -2.7946

Inverse Universe

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



30.6009, 10.7899, 5.0789



37.9527, 18.9099, 7.9244



34.6097, 2.7717, 9.6611



19.2448, 0.5552, 1.4596



20.4465, 35.0826, 12.6902



45.0934, 77.2872, 28.6465

Previews

White Background



This preview shows how the HunterLab color 38.7172, -12.0074, -0.2770 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 38.7172, -12.0074, -0.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

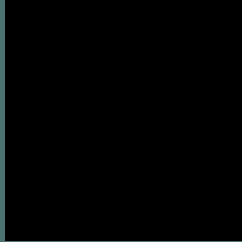
Any Text WCAG AA ✗ Fail

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 38.7172, -12.0074, -0.2770 Background



This preview shows how black text looks on a background with the HunterLab color 38.7172, -12.0074, -0.2770.



This preview shows how white text looks on a background with the HunterLab color 38.7172,

-12.0074, -0.2770.

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

38.7172, -12.0074, -0.2770

Protanopia

38.5348, -1.3294, 1.8929

Deuteranopia

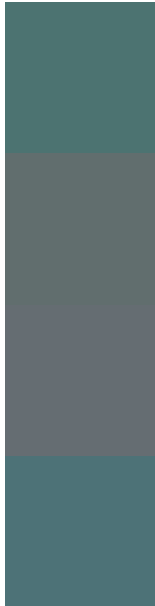
38.7115, 2.4179, -0.9456



Tritanopia

38.8386, -9.4413, -4.8394

Trichromacy



Original Color

38.7172, -12.0074, -0.2770

Protanomaly

38.4955, -5.6028, 0.9022

Deuteranomaly

38.6250, -3.4828, -0.6973

Tritanomaly

38.6579, -10.3598, -3.1280

Monochromacy



Original Color

38.7172, -12.0074, -0.2770

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.2882, -5.7718, 0.7583

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7172, -12.0074, -0.2770 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(76, 115, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 115, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7172, -12.0074, -0.2770 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, 113) }
```


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

```
.border{ border-color:rgb(76, 115, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 115, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 115, 113);  
box-shadow:4px 4px 4px 4px rgb(76, 115,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7172, -12.0074, -0.2770 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, 113) }
```

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

```
.background{ background-color: rgb(76, 115,  
113) }
```

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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