

Converting Colors

HunterLab(38.2480, -20.5621,
-5.3663)

Have a look what the booklet for
HunterLab(38.2480, -20.5621,
-5.3663) contains.

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Color

**HunterLab(38.5202,
-20.0085, -4.9544)**

Conversions

Conversions Part 1

Format	Color
Hex	00787A
RGB	0, 120, 122
RGB Percent	0%, 47%, 48%
CMY	0.9999, 0.5294, 0.5216
CMYK	1.00, 0.02, 0.00, 0.52
HSL	181°, 100%, 24%
HSV	181°, 100%, 48%
XYZ	10.2293, 14.8381, 20.7372
YIQ	84.3480, -72.1620, -24.8180

Conversions

Conversions Part 2

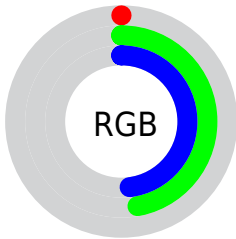
Format	Color
RYB	0, 60, 122
Decimal	30842
CIELab	45.41, -26.87, -9.19
CIELCh	45, 28.399, 198.874
Yxy	14.8386, 0.2233, 0.3239
Android (android.graphics.Color)	4278220922 (0xFF00787A)
YUV	84.3480, 18.5624, -73.9732
Hunter-Lab	38.5202, -20.0085, -4.9544

Details

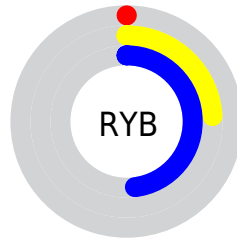
The HunterLab color **38.5202, -20.0085, -4.9544** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **20.4483, 34.4694, 13.2025**, and the grayscale version is **29.8572, -1.5931, 1.6222**.

A 20% lighter version of the original color is **58.8631, -24.4944, -4.4925**, and **22.3327, -11.4607, -3.1737** is the 20% darker color. If you saturate the color by 10%, you get **38.5207, -20.0089, -4.9541**, and if you desaturate by 10%, it is **38.6864, -19.6772, -4.7249**.

Distribution



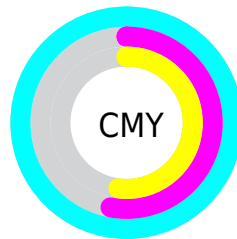
- Red (0%)
- Green (47%)
- Blue (48%)



- Red (0%)
- Yellow (24%)
- Blue (48%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.5202, -20.0085, -4.9544 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 38.5202, -20.0085, -4.9544 by changing the saturation by 10% instead.

■ 38.5202, -20.0085,
-4.9544

■ 38.5202, -20.0085,
-4.9544

149.1265,
-37.9477, -2.4081

■ 29.5063, -17.6677,
-4.9513

■ 58.7961, -24.3464,
-4.7506

■ 21.3308, -15.1464,
-4.8675

■ 69.9552, -26.4007,
-4.5585

■ 14.0917, -12.3491,
-4.6919

■ 81.7428, -28.4023,
-4.3131

■ 7.7407, -13.5462,
-4.7981

■ 94.1267, -30.3631,
-4.0183

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 107.0797,
-32.2919, -3.6778

0.0000, NaN, NaN

■ 120.5778,

0.0000, NaN, NaN

-34.1955, -3.2943

0.0000, NaN, NaN

134.5997,
-36.0794, -2.8703

■ 38.5202, -20.0085,
-4.9544

■ 38.5202, -20.0085,
-4.9544

■ 38.5207, -20.0089,
-4.9541

■ 38.6864, -19.6772,
-4.7249

■ 38.9027, -19.1476,
-4.4254

■ 39.2039, -18.2898,
-4.0092

■ 39.5980, -17.0790,
-3.4680

■ 40.0909, -15.5026,
-2.7978

■ 40.6863, -13.5586,
-1.9984

■ 41.3864, -11.2542,
-1.0727

■ 42.1921, -8.6036,
-0.0261

■ 43.1028, -5.6275,
1.1338

Harmonies

Analogous

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



38.5209, -20.5999, 5.7615



38.5202, -20.0085, -4.9544



38.5209, -14.9387, -16.2256

Triad

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



38.5209, -20.0085, -4.9539



38.5209, 15.1018, -13.5216



38.5209, 2.0860, 17.0164

Complementary

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



38.5202, -20.0085, -4.9544



20.4483, 34.4694, 13.2025

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.



38.5209, 12.7762, 14.3291



38.5202, -20.0085, -4.9544



38.5209, 20.8302, -1.9675

Square

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



38.5209, -20.0085, -4.9539



38.5209, 4.9858, -22.0480



38.5209, 19.9345, 8.0243



38.5209, -8.6284, 16.6316

Rectangle

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



38.5202, -20.0085, -4.9544



38.5209, -9.3491, -21.6265



38.5209, 19.9345, 8.0243



38.5209, 5.8205, 16.4811

Sweetspot

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



38.5209, -20.0085, -4.9539



54.8211, -15.1677, -1.5185



37.3087, -31.9913, 22.4287



26.0588, -7.7645, -0.9307



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



38.5209, -20.0085, -4.9539



51.0731, -26.5155, -6.5976



21.7796, 4.3577, -36.6273



21.2172, -2.6226, 0.6119



39.5236, -20.5287, -5.0854



86.2464, -44.7458, -11.2070

Inverse Universe

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



23.4394, 45.9228, -29.7018



31.0853, 60.9026, -39.3548



27.3421, 15.4463, 17.1176



20.1902, 1.3728, -0.5409



24.0496, 47.1216, -30.4743



52.5132, 102.8730, -66.3960

Previews

White Background



This preview shows how the HunterLab color 38.5202, -20.0085, -4.9544 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 38.5202, -20.0085, -4.9544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

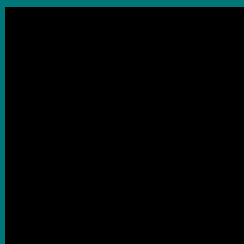
Any Text WCAG AA × Fail

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 38.5202, -20.0085, -4.9544 Background



This preview shows how black text looks on a background with the HunterLab color 38.5202, -20.0085, -4.9544.



This preview shows how white text looks on a background with the HunterLab color 38.5202, -20.0085, -4.9544.

-20.0085, -4.9544.

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

38.5202, -20.0085, -4.9544

Protanopia

38.5436, -0.9560, -0.7548

Deuteranopia

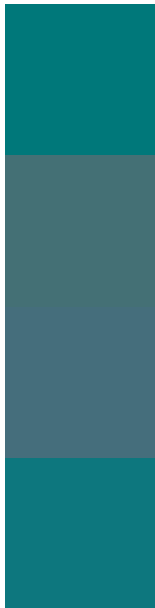
38.5163, 2.3903, -6.0911



Tritanopia

38.6359, -17.4957, -8.3706

Trichromacy



Original Color

38.5202, -20.0085, -4.9544

Protanomaly

37.5521, -11.5801, -3.6351

Deuteranomaly

37.2455, -9.2593, -7.5666

Tritanomaly

38.4520, -18.4152, -7.0639

Monochromacy



Original Color

38.5202, -20.0085, -4.9544

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.9188, -11.4131, -1.9958

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.5202, -20.0085, -4.9544 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(0, 120, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 122)  
}
```

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(0, 120, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 38.5202, -20.0085, -4.9544 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(0, 120, 122) }
```


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

```
.border{ border-color:rgb(0, 120, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 120,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.5202, -20.0085, -4.9544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 122) }
```

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

```
.background{ background-color: rgb(0, 120,  
122) }
```

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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