

Converting Colors

HunterLab(35.6610, -31.1105,
-9.8185)

Have a look what the booklet for
HunterLab(35.6610, -31.1105,
-9.8185) contains.

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Color

**HunterLab(38.5526,
-19.8163, -5.4096)**

Conversions

Conversions Part 1

Format	Color
Hex	00787B
RGB	0, 120, 123
RGB Percent	0%, 47%, 48%
CMY	0.9999, 0.5294, 0.5176
CMYK	1.00, 0.02, 0.00, 0.52
HSL	181°, 100%, 24%
HSV	181°, 100%, 48%
XYZ	10.2917, 14.8630, 21.0654
YIQ	84.4620, -72.4830, -24.5070

Conversions

Conversions Part 2

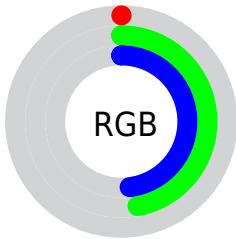
Format	Color
RYB	0, 61, 123
Decimal	30843
CIELab	45.45, -26.54, -9.73
CIELCh	45, 28.266, 200.138
Yxy	14.8636, 0.2227, 0.3216
Android (android.graphics.Color)	4278220923 (0xFF00787B)
YUV	84.4620, 18.9992, -74.0732
Hunter-Lab	38.5526, -19.8163, -5.4096

Details

The HunterLab color $38.5526, -19.8163, -5.4096$ is a dark color, and the websafe version is hex 006666 . A complement of this color would be $20.6798, 34.6014, 13.3472$, and the grayscale version is $29.8976, -1.5953, 1.6244$.

A 20% lighter version of the original color is $58.8963, -24.3003, -4.9623$, and $22.3627, -11.2831, -3.5943$ is the 20% darker color. If you saturate the color by 10%, you get $38.5531, -19.8167, -5.4094$, and if you desaturate by 10%, it is $38.7507, -19.5201, -5.1354$.

Distribution



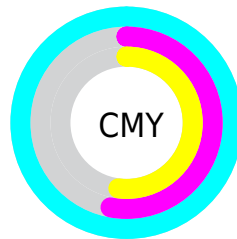
- Red (0%)
- Green (47%)
- Blue (48%)



- 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 38.5526, -19.8163, -5.4096 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 38.5526, -19.8163, -5.4096 by changing the saturation by 10% instead.

■ 38.5526, -19.8163,
-5.4096

■ 38.5526, -19.8163,
-5.4096

■ 149.1774,
-37.5968, -3.0533

■ 29.5359, -17.5009,
-5.3815

■ 58.8334, -24.1104,
-5.2534

■ 21.3574, -15.0085,
-5.2720

■ 69.9948, -26.1453,
-5.0837

■ 14.1149, -12.2452,
-5.0713

■ 81.7844, -28.1289,
-4.8600

■ 7.7653, -13.5892,
-5.1540

■ 94.1704, -30.0726,
-4.5862

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 107.1253,
-31.9853, -4.2659

0.0000, NaN, NaN

■ 120.6252,

0.0000, NaN, NaN

-33.8735, -3.9020

0.0000, NaN, NaN

134.6488,
-35.7426, -3.4970

■ 38.5526, -19.8163,
-5.4096

■ 38.5526, -19.8163,
-5.4096

■ 38.5531, -19.8167,
-5.4094

■ 38.7507, -19.5201,
-5.1354

■ 39.0001, -19.0218,
-4.7897

■ 39.3354, -18.1912,
-4.3257

■ 39.7646, -17.0040,
-3.7355

■ 40.2935, -15.4481,
-3.0157

■ 40.9256, -13.5221,
-2.1666

■ 41.6630, -11.2336,
-1.1916

■ 42.5063, -8.5976,
-0.0967

■ 43.4548, -5.6349,
1.1101

Harmonies

Analogous

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



38.5533, -20.5979, 5.3571



38.5526, -19.8163, -5.4096



38.5533, -14.5844, -16.5379

Triad

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



38.5533, -19.8163, -5.4091



38.5533, 15.3680, -12.9777



38.5533, 1.5937, 17.0182

Complementary

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



38.5526, -19.8163, -5.4096



20.6798, 34.6014, 13.3472

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.



38.5533, 12.3023, 14.4720



38.5526, -19.8163, -5.4096



38.5533, 20.8182, -1.4719

Square

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



38.5533, -19.8163, -5.4091



38.5533, 5.4186, -21.6809



38.5533, 19.6380, 8.3462



38.5533, -9.0072, 16.5080

Rectangle

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



38.5526, -19.8163, -5.4096



38.5533, -8.9194, -21.7321



38.5533, 19.6380, 8.3462



38.5533, 5.3171, 16.5264

Sweetspot

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



38.5533, -19.8163, -5.4091



55.6735, -15.2788, -1.6981



37.6441, -32.2362, 22.5384



26.8453, -7.9530, -1.0518



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



38.5533, -19.8163, -5.4091



51.5600, -26.4813, -7.2801



21.4604, 5.3888, -38.4539



21.2049, -2.6030, 0.5974



39.2105, -20.1536, -5.5039



85.5261, -43.8822, -12.1711

Inverse Universe

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



23.5955, 46.1514, -29.3041



31.5689, 61.7446, -39.1503



27.9790, 14.6892, 17.4967



20.1889, 1.3658, -0.5223



23.9978, 46.9421, -29.8033



52.3941, 102.4601, -64.8530

Previews

White Background



This preview shows how the HunterLab color 38.5526, -19.8163, -5.4096 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 38.5526, -19.8163, -5.4096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

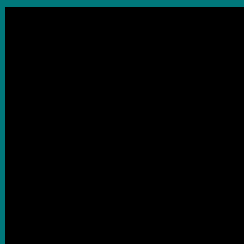
Any Text WCAG AA × Fail

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 38.5526, -19.8163, -5.4096 Background



This preview shows how black text looks on a background with the HunterLab color 38.5526, -19.8163, -5.4096.



This preview shows how white text looks on a background with the HunterLab color 38.5526, -19.8163, -5.4096.

-19.8163, -5.4096.

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

38.5526, -19.8163, -5.4096

Protanopia

38.5733, -0.7943, -1.1760

Deuteranopia

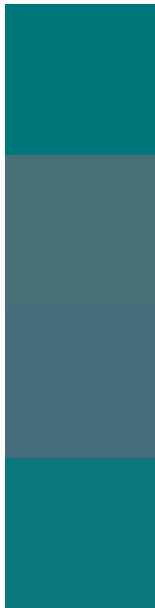
38.4677, 2.2937, -6.6793



Tritanopia

38.6226, -17.5472, -8.3906

Trichromacy



Original Color

38.5526, -19.8163, -5.4096

Protanomaly

37.5836, -11.3997, -4.0792

Deuteranomaly

37.2797, -9.0658, -8.0444

Tritanomaly

38.4761, -18.2537, -7.5511

Monochromacy



Original Color

38.5526, -19.8163, -5.4096

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 38.5526, -19.8163, -5.4096 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 38.5526, -19.8163, -5.4096 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, 123) }
```


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

```
.border{ border-color:rgb(0, 120, 123) }
```

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, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 123);  
box-shadow:4px 4px 4px 4px rgb(0, 120,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.5526, -19.8163, -5.4096 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, 123) }
```

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

```
.background{ background-color: rgb(0, 120,  
123) }
```

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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