

Converting Colors

HunterLab(37.7795, -19.8506,
-3.7981)

Have a look what the booklet for
HunterLab(37.7795, -19.8506,
-3.7981) contains.

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Color

**HunterLab(37.8201,
-19.8208, -3.9118)**

Conversions

Conversions Part 1

Format	Color
Hex	067676
RGB	6, 118, 118
RGB Percent	2%, 46%, 46%
CMY	0.9764, 0.5372, 0.5373
CMYK	0.95, 0.00, 0.00, 0.54
HSL	180°, 90%, 24%
HSV	180°, 95%, 46%
XYZ	9.8236, 14.3036, 19.3826
YIQ	84.5120, -66.7520, -23.7440

Conversions

Conversions Part 2

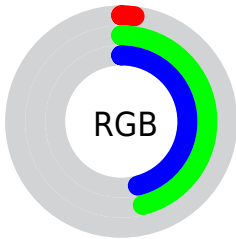
Format	Color
RYB	6, 62, 118
Decimal	423542
CIELab	44.67, -26.84, -7.91
CIELCh	45, 27.983, 196.423
Yxy	14.3041, 0.2258, 0.3287
Android (android.graphics.Color)	4278613622 (0xFF067676)
YUV	84.5120, 16.5096, -68.8550
Hunter-Lab	37.8201, -19.8208, -3.9118

Details

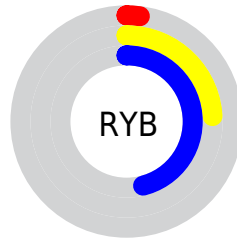
The HunterLab color **37.8201, -19.8208, -3.9118** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.9885, 32.6183, 12.3755**, and the grayscale version is **29.9229, -1.5966, 1.6258**.

A 20% lighter version of the original color is **58.1184, -24.2732, -3.4096**, and **21.6759, -11.3041, -2.6906** is the 20% darker color. If you saturate the color by 10%, you get **37.7695, -20.0238, -3.9830**, and if you desaturate by 10%, it is **37.9370, -19.3628, -3.7495**.

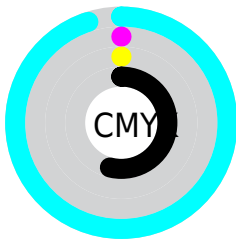
Distribution



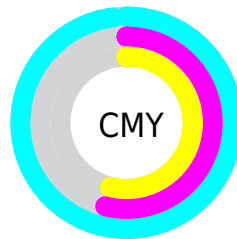
- Red (2%)
- Green (46%)
- Blue (46%)



- Red (2%)
- Yellow (24%)
- Blue (46%)



- Cyan (95%)
- Magenta (0%)
- Yellow (0%)
- Black (54%)



- Cyan (98%)
- Magenta (54%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8201, -19.8208, -3.9118 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 37.8201, -19.8208, -3.9118 by changing the saturation by 10% instead.

■ 37.8201, -19.8208,
-3.9118

■ 37.8201, -19.8208,
-3.9118

148.0252,
-37.7766, -0.9424

■ 28.8661, -17.4711,
-3.9643

■ 57.9894, -24.1688,
-3.6024

■ 20.7568, -14.9357,
-3.9373

■ 69.1002, -26.2258,
-3.3603

■ 13.5925, -12.1150,
-3.8180

■ 80.8420, -28.2293,
-3.0666

■ 7.1872, -12.5775,
-4.2380

■ 93.1825, -30.1913,
-2.7253

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.0939,
-32.1208, -2.3396

0.0000, NaN, NaN

■ 119.5520,

0.0000, NaN, NaN

-34.0247, -1.9124

0.0000, NaN, NaN

133.5355,
-35.9085, -1.4459

■ 37.8201, -19.8208,
-3.9118

■ 37.8201, -19.8208,
-3.9118

■ 37.7695, -20.0238,
-3.9830

■ 37.9370, -19.3628,
-3.7495

■ 38.1256, -18.6228,
-3.4878

■ 38.3996, -17.5545,
-3.1101

■ 38.7660, -16.1395,
-2.6094

■ 39.2297, -14.3702,
-1.9830

■ 39.7938, -12.2481,
-1.2311

■ 40.4601, -9.7829,
-0.3568

■ 41.2292, -6.9909,
0.6344

■ 42.1002, -3.8938,
1.7353

Harmonies

Analogous

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



37.8208, -20.0337, 6.3762



37.8201, -19.8208, -3.9118



37.8208, -15.1986, -15.0671

Triad

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



37.8208, -19.8208, -3.9113



37.8208, 14.0905, -14.0941



37.8208, 2.9385, 16.5830

Complementary

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



37.8201, -19.8208, -3.9118



19.9885, 32.6183, 12.3755

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.



37.8208, 13.2536, 13.6815



37.8201, -19.8208, -3.9118



37.8208, 20.1597, -2.8366

Square

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



37.8208, -19.8208, -3.9113



37.8208, 3.9821, -21.9744



37.8208, 19.8373, 7.1905



37.8208, -7.6698, 16.4445

Rectangle

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



37.8201, -19.8208, -3.9118



37.8208, -9.9121, -20.6657



37.8208, 19.8373, 7.1905



37.8208, 6.5774, 15.9752

Sweetspot

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



37.8208, -19.8208, -3.9113



53.2988, -14.2646, -0.9317



36.0851, -30.4504, 21.4186



25.4115, -7.3769, -0.6372



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.



37.8208, -19.8208, -3.9113



50.0823, -26.5515, -5.2814



22.3596, 2.1575, -31.6341



20.3845, -2.5437, 0.6196



39.2843, -20.8269, -4.1427



86.7207, -45.9757, -9.1451

Inverse Universe

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



19.9885, 32.6183, 12.3755



26.0237, 44.5663, 16.8158



26.6673, 14.4294, 16.3009



19.2376, 0.5164, 1.5623



20.4128, 34.9576, 13.1902



45.0617, 77.1695, 29.1177

Previews

White Background



This preview shows how the HunterLab color 37.8201, -19.8208, -3.9118 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 37.8201, -19.8208, -3.9118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

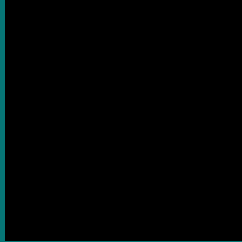
Any Text WCAG AA × Fail

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 37.8201, -19.8208, -3.9118 Background



This preview shows how black text looks on a background with the HunterLab color 37.8201, -19.8208, -3.9118.



This preview shows how white text looks on a background with the HunterLab color 37.8201,

-19.8208, -3.9118.

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

37.8201, -19.8208, -3.9118

Protanopia

37.8062, -0.9582, 0.1445

Deuteranopia

37.7745, 2.3459, -5.0748



Tritanopia

37.9467, -17.2123, -7.7595

Trichromacy



Original Color

37.8201, -19.8208, -3.9118

Protanomaly

36.9408, -11.0958, -2.5061

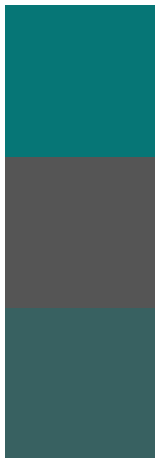
Deuteranomaly

36.6344, -8.8015, -6.3384

Tritanomaly

37.7661, -18.1166, -6.4645

Monochromacy



Original Color

37.8201, -19.8208, -3.9118

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

32.0206, -11.0873, -1.4036

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8201, -19.8208, -3.9118 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(6, 118, 118)` looks like.

```
.text, #text, p{  
    color:rgb(6, 118, 118)  
}
```

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(6, 118, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 118, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8201, -19.8208, -3.9118 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(6, 118, 118) }
```


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

```
.border{ border-color:rgb(6, 118, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 118, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 118, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 118, 118);  
box-shadow:4px 4px 4px 4px rgb(6, 118,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8201, -19.8208, -3.9118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 118, 118) }
```

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

```
.background{ background-color: rgb(6, 118,  
118) }
```

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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