

Converting Colors

HunterLab(33.9030, -18.7612,
-1.8757)

Have a look what the booklet for
HunterLab(33.9030, -18.7612,
-1.8757) contains.

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Color

**HunterLab(33.9038,
-18.7609, -1.8773)**

Conversions

Conversions Part 1

Format	Color
Hex	006B67
RGB	0, 107, 103
RGB Percent	0%, 42%, 40%
CMY	1.0000, 0.5804, 0.5961
CMYK	1.00, 0.00, 0.04, 0.58
HSL	178°, 100%, 21%
HSV	178°, 100%, 42%
XYZ	7.7059, 11.4947, 14.6445
YIQ	74.5510, -62.4880, -23.9280

Conversions

Conversions Part 2

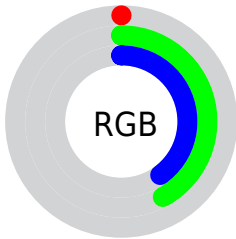
Format	Color
RYB	0, 55, 107
Decimal	27495
CIELab	40.40, -26.71, -5.23
CIELCh	40, 27.212, 191.074
Yxy	11.4951, 0.2277, 0.3396
Android (android.graphics.Color)	4278217575 (0xFF006B67)
YUV	74.5510, 14.0254, -65.3812
Hunter-Lab	33.9038, -18.7609, -1.8773

Details

The HunterLab color **33.9038, -18.7609, -1.8773** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17.7058, 30.3678, 11.0561**, and the grayscale version is **26.3341, -1.4051, 1.4308**.

A 20% lighter version of the original color is **53.4651, -23.2696, -1.3650**, and **18.4755, -10.3256, -0.8027** is the 20% darker color. If you saturate the color by 10%, you get **33.9043, -18.7615, -1.8768**, and if you desaturate by 10%, it is **34.0181, -18.2861, -1.9075**.

Distribution



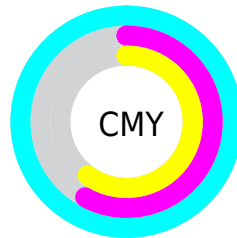
- Red (0%)
- Green (42%)
- Blue (40%)



- Red (0%)
- Yellow (22%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9038, -18.7609, -1.8773 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 33.9038, -18.7609, -1.8773 by changing the saturation by 10% instead.

■ 33.9038, -18.7609,
-1.8773

■ 33.9038, -18.7609,
-1.8773

141.7863,
-36.8392, 1.9132

■ 25.3000, -16.3515,
-2.0377

■ 53.4529, -23.1767,
-1.3632

■ 17.5794, -13.7228,
-2.1211

■ 64.2835, -25.2532,
-1.0241

■ 10.8586, -11.7265,
-2.1115

■ 75.7605, -27.2704,
-0.6368

■ 2.1100, -3.6925,
-10.1534

■ 87.8494, -29.2417,
-0.2050

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.5205,
-31.1774, 0.2683

0.0000, NaN, NaN

■ 113.7482,

0.0000, NaN, NaN

-33.0850, 0.7805

0.0000, NaN, NaN

127.5102,
-34.9707, 1.3294

33.9038, -18.7609,
-1.8773

33.9038, -18.7609,
-1.8773

33.9043, -18.7615,
-1.8768

34.0181, -18.2861,
-1.9075

34.1689, -17.6661,
-1.8882

34.3921, -16.7658,
-1.7717

34.6944, -15.5653,
-1.5499

35.0807, -14.0549,
-1.2178

■ 35.5543, -12.2331,
-0.7734

■ 36.1173, -10.1063,
-0.2173

■ 36.7704, -7.6868,
0.4477

■ 37.5136, -4.9920,
1.2169

Harmonies

Analogous

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



33.9044, -18.2161, 7.2807



33.9038, -18.7609, -1.8773



33.9044, -15.1782, -12.5829

Triad

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



33.9044, -18.7610, -1.8769



33.9044, 11.8364, -15.1341



33.9044, 4.6844, 15.0318

Complementary

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



33.9038, -18.7609, -1.8773



17.7058, 30.3678, 11.0561

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.



33.9044, 14.0139, 11.8346



33.9038, -18.7609, -1.8773



33.9044, 18.4636, -4.6716

Square

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



33.9044, -18.7610, -1.8769



33.9044, 1.9795, -21.5924



33.9044, 19.3038, 5.1885



33.9044, -5.4417, 15.3792

Rectangle

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



33.9038, -18.7609, -1.8773



33.9044, -10.6569, -18.4972



33.9044, 19.3038, 5.1885



33.9044, 8.0468, 14.3104

Sweetspot

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



33.9044, -18.7610, -1.8769



48.2601, -13.7833, -0.3604



32.4813, -27.5787, 19.5314



23.6201, -7.2433, -0.2999



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



33.9044, -18.7610, -1.8769



45.3638, -25.1320, -2.4481



20.4323, 1.0283, -27.7565



18.6817, -2.3358, 0.6468



37.3937, -20.7012, -2.0511



84.3916, -46.8337, -4.3817

Inverse Universe

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



17.7058, 30.3678, 11.0561



23.6827, 40.6058, 14.9270



22.9188, 15.4004, 14.3912



17.6591, 0.4713, 1.3570



19.5252, 33.4867, 12.2351



44.0416, 75.4681, 28.1055

Previews

White Background



This preview shows how the HunterLab color 33.9038, -18.7609, -1.8773 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 33.9038, -18.7609, -1.8773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

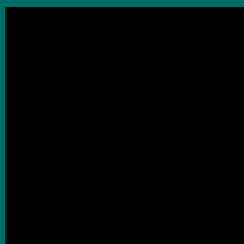
Any Text WCAG AA × Fail

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 33.9038, -18.7609, -1.8773 Background



This preview shows how black text looks on a background with the HunterLab color 33.9038, -18.7609, -1.8773.



This preview shows how white text looks on a background with the HunterLab color 33.9038,

-18.7609, -1.8773.

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

33.9038, -18.7609, -1.8773

Protanopia

34.0152, -1.1029, 1.6516

Deuteranopia

33.9440, 1.9216, -2.8676



Tritanopia

33.9120, -14.9094, -7.1976

Trichromacy



Original Color

33.9038, -18.7609, -1.8773

Protanomaly

32.9373, -10.4885, -1.1367

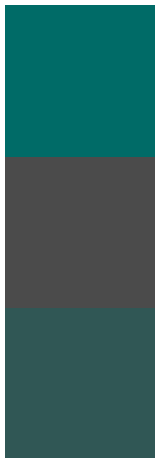
Deuteranomaly

32.8817, -8.8630, -3.9918

Tritanomaly

33.9638, -16.5221, -5.1129

Monochromacy



Original Color

33.9038, -18.7609, -1.8773

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

28.4616, -10.5049, -0.5493

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9038, -18.7609, -1.8773 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, 107, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 103)  
}
```

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, 107, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9038, -18.7609, -1.8773 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, 107, 103) }
```


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

```
.border{ border-color:rgb(0, 107, 103) }
```

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

Here you see how a box with a 4 pixel rgb(0, 107, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 107,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9038, -18.7609, -1.8773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 103) }
```

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

```
.background{ background-color: rgb(0, 107,  
103) }
```

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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