

Converting Colors

HunterLab(33.7713, -19.7812,
0.4785)

Have a look what the booklet for
HunterLab(33.7713, -19.7812,
0.4785) contains.

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Color

**HunterLab(33.7320,
-19.7909, 0.5609)**

Conversions

Conversions Part 1

Format	Color
Hex	006B61
RGB	0, 107, 97
RGB Percent	0%, 42%, 38%
CMY	1.0000, 0.5804, 0.6196
CMYK	1.00, 0.00, 0.09, 0.58
HSL	174°, 100%, 21%
HSV	174°, 100%, 42%
XYZ	7.4154, 11.3785, 13.1147
YIQ	73.8670, -60.5620, -25.7940

Conversions

Conversions Part 2

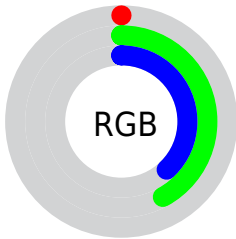
Format	Color
RYB	0, 56, 107
Decimal	27489
CIELab	40.21, -28.64, -1.86
CIElCh	40, 28.698, 183.707
Yxy	11.3789, 0.2324, 0.3566
Android (android.graphics.Color)	4278217569 (0xFF006B61)
YUV	73.8670, 11.4046, -64.7814
Hunter-Lab	33.7320, -19.7909, 0.5609

Details

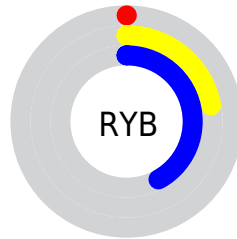
The HunterLab color **33.7320, -19.7909, 0.5609** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17.7428, 30.5056, 10.5065**, and the grayscale version is **26.0985, -1.3925, 1.4180**.

A 20% lighter version of the original color is **53.2825, -24.3419, 1.2304**, and **18.3492, -11.0842, 0.9927** is the 20% darker color. If you saturate the color by 10%, you get **33.7325, -19.7915, 0.5616**, and if you desaturate by 10%, it is **33.8627, -19.2150, 0.2970**.

Distribution



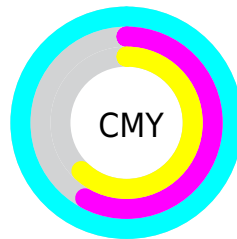
- Red (0%)
- Green (42%)
- Blue (38%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7320, -19.7909, 0.5609 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 33.7320, -19.7909, 0.5609 by changing the saturation by 10% instead.

■ 33.7320, -19.7909,
0.5609

■ 33.7320, -19.7909,
0.5609

■ 141.5093,
-38.8225, 5.6706

■ 25.1442, -17.2243,
0.2080

■ 53.2529, -24.4736,
1.4217

■ 17.4414, -14.4138,
-0.0846

■ 64.0709, -26.6669,
1.9192

■ 10.7411, -12.5589,
-0.3050

■ 75.5359, -28.7927,
2.4569

■ 1.5300, -2.6776,
-4.9436

■ 87.6133, -30.8661,
3.0323

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.2736,
-32.8981, 3.6431

0.0000, NaN, NaN

■ 113.4909,

0.0000, NaN, NaN

-34.8973, 4.2874

0.0000, NaN, NaN

127.2429,
-36.8704, 4.9637

33.7320, -19.7909,
0.5609

33.7320, -19.7909,
0.5609

33.7325, -19.7915,
0.5616

33.8627, -19.2150,
0.2970

34.0303, -18.4920,
0.0785

34.2706, -17.4858,
-0.0480

34.5903, -16.1779,
-0.0730

34.9942, -14.5596,
0.0098

■ 35.4854, -12.6308,
0.2039

■ 36.0660, -10.3990,
0.5106

■ 36.7366, -7.8776,
0.9285

■ 37.4969, -5.0851,
1.4546

Harmonies

Analogous

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



33.7326, -18.1662, 9.3304



33.7320, -19.7909, 0.5609



33.7326, -17.1068, -10.7601

Triad

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



33.7326, -19.7910, 0.5613



33.7326, 10.2417, -18.5464



33.7326, 7.6872, 14.9829

Complementary

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



33.7320, -19.7909, 0.5609



17.7428, 30.5056, 10.5065

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.



33.7326, 16.8372, 10.9041



33.7320, -19.7909, 0.5609



33.7326, 18.4350, -7.9061

Square

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



33.7326, -19.7910, 0.5613



33.7326, -0.4768, -23.7347



33.7326, 20.9849, 3.0631



33.7326, -3.1065, 15.9982

Rectangle

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



33.7320, -19.7909, 0.5609



33.7326, -13.0147, -17.7734



33.7326, 20.9849, 3.0631



33.7326, 11.0991, 14.0030

Sweetspot

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



33.7326, -19.7910, 0.5613



48.1896, -14.1865, 0.6422



32.5345, -27.3516, 19.5683



23.5817, -7.4635, 0.2456



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.



33.7326, -19.7910, 0.5613



45.1279, -26.5463, 0.8999



21.7982, -1.3052, -24.4266



18.6742, -2.3771, 0.7526



37.2024, -21.8481, 0.6640



83.9365, -49.5631, 2.0792

Inverse Universe

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



17.7428, 30.5056, 10.5065



23.7203, 40.7455, 14.3686



21.9992, 17.6540, 13.8641



17.6662, 0.5096, 1.2555



19.5622, 33.6240, 11.6865



44.0884, 75.6421, 27.4096

Previews

White Background



This preview shows how the HunterLab color 33.7320, -19.7909, 0.5609 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 33.7320, -19.7909, 0.5609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

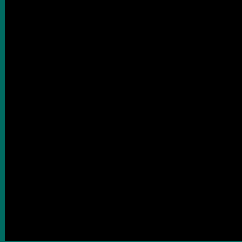
Any Text WCAG AA × Fail

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 33.7320, -19.7909, 0.5609 Background



This preview shows how black text looks on a background with the HunterLab color 33.7320, -19.7909, 0.5609.



This preview shows how white text looks on a background with the HunterLab color 33.7320,

-19.7909, 0.5609.

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

33.7320, -19.7909, 0.5609

Protanopia

33.5931, -1.5185, 3.6013

Deuteranopia

33.6765, 1.9903, -0.4403



Tritanopia

33.9535, -14.8156, -6.6180

Trichromacy



Original Color

33.7320, -19.7909, 0.5609

Protanomaly

32.7691, -11.4574, 1.2543

Deuteranomaly

32.4657, -9.3049, -1.7152

Tritanomaly

33.8951, -16.9808, -3.7428

Monochromacy



Original Color

33.7320, -19.7909, 0.5609

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

28.0519, -10.7649, 0.2251

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7320, -19.7909, 0.5609 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 97)  
}
```

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, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7320, -19.7909, 0.5609 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, 97) }
```


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

```
.border{ border-color:rgb(0, 107, 97) }
```

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, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 97);  
box-shadow:4px 4px 4px 4px rgb(0, 107, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.7320, -19.7909, 0.5609 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, 97) }
```

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

```
.background{ background-color: rgb(0, 107,  
97) }
```

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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