

Converting Colors

HunterLab(35.5919, -23.3312,
-4.2401)

Have a look what the booklet for
HunterLab(35.5919, -23.3312,
-4.2401) contains.

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Color

**HunterLab(36.3380,
-19.6667, -2.9646)**

Conversions

Conversions Part 1

Format	Color
Hex	007270
RGB	0, 114, 112
RGB Percent	0%, 45%, 44%
CMY	1.0000, 0.5529, 0.5608
CMYK	1.00, 0.00, 0.02, 0.55
HSL	179°, 100%, 22%
HSV	179°, 100%, 45%
XYZ	8.9420, 13.2045, 17.4067
YIQ	79.6860, -67.3020, -24.7900

Conversions

Conversions Part 2

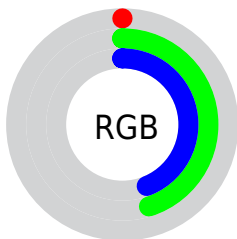
Format	Color
RYB	0, 58, 114
Decimal	29296
CIELab	43.07, -27.21, -6.70
CIELCh	43, 28.018, 193.838
Yxy	13.2050, 0.2261, 0.3338
Android (android.graphics.Color)	4278219376 (0xFF007270)
YUV	79.6860, 15.9308, -69.8846
Hunter-Lab	36.3380, -19.6667, -2.9646

Details

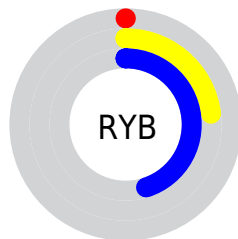
The HunterLab color **36.3380, -19.6667, -2.9646** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18.9267, 32.4323, 12.0492**, and the grayscale version is **28.1731, -1.5032, 1.5307**.

A 20% lighter version of the original color is **56.1521, -23.8882, -2.9022**, and **20.3734, -10.9839, -1.7540** is the 20% darker color. If you saturate the color by 10%, you get **36.3386, -19.6672, -2.9642**, and if you desaturate by 10%, it is **36.4464, -19.2281, -2.9113**.

Distribution



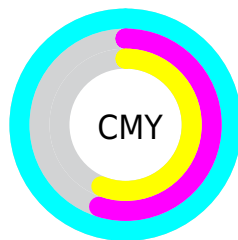
- Red (0%)
- Green (45%)
- Blue (44%)



- Red (0%)
- Yellow (23%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3380, -19.6667, -2.9646 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 36.3380, -19.6667, -2.9646 by changing the saturation by 10% instead.

■ 36.3380, -19.6667,
-2.9646

■ 36.3380, -19.6667,
-2.9646

145.6802,
-37.8645, 0.3800

■ 27.5134, -17.2640,
-3.0661

■ 56.2775, -24.0936,
-2.5620

■ 19.5473, -14.6597,
-3.0892

■ 67.2843, -26.1818,
-2.2756

■ 12.5456, -11.8359,
-3.0194

■ 78.9277, -28.2128,
-1.9392

■ 5.8303, -10.2030,
-4.4471

■ 91.1746, -30.1995,
-1.5565

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.9966,
-32.1513, -1.1307

0.0000, NaN, NaN

■ 117.3690,

0.0000, NaN, NaN

-34.0758, -0.6646

0.0000, NaN, NaN

131.2700,
-35.9786, -0.1604

■ 36.3380, -19.6667,
-2.9646

■ 36.3380, -19.6667,
-2.9646

■ 36.3386, -19.6672,
-2.9642

■ 36.4464, -19.2281,
-2.9113

■ 36.5975, -18.6197,
-2.7991

■ 36.8267, -17.7093,
-2.5808

■ 37.1412, -16.4744,
-2.2479

■ 37.5467, -14.9032,
-1.7954

■ 38.0469, -12.9934,
-1.2215

■ 38.6442, -10.7511,
-0.5275

■ 39.3394, -8.1893,
0.2831

■ 40.1326, -5.3265,
1.2046

Harmonies

Analogous

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



36.3387, -19.4961, 6.9651



36.3380, -19.6667, -2.9646



36.3387, -15.4871, -14.1494

Triad

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



36.3387, -19.6667, -2.9641



36.3387, 13.2577, -14.9417



36.3387, 3.8998, 16.0931

Complementary

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



36.3380, -19.6667, -2.9646



18.9267, 32.4323, 12.0492

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.



36.3387, 13.9358, 12.9951



36.3380, -19.6667, -2.9646



36.3387, 19.7466, -3.8345

Square

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



36.3387, -19.6667, -2.9641



36.3387, 3.0563, -22.2901



36.3387, 20.0081, 6.3107



36.3387, -6.6818, 16.2027

Rectangle

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



36.3380, -19.6667, -2.9646



36.3387, -10.4864, -20.0437



36.3387, 20.0081, 6.3107



36.3387, 7.4754, 15.4179

Sweetspot

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



36.3387, -19.6667, -2.9641



51.1604, -14.5001, -0.7770



34.7270, -29.5961, 20.8799



24.4755, -7.4496, -0.5221



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



36.3387, -19.6667, -2.9641



48.1686, -26.0835, -3.8998



21.2883, 2.1207, -31.1843



19.5300, -2.4392, 0.6328



38.3391, -20.7522, -3.1225



85.5613, -46.3666, -6.8520

Inverse Universe

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



18.9267, 32.4323, 12.0492



25.0844, 42.9805, 16.0331



24.7845, 15.8449, 15.5486



18.4455, 0.4935, 1.4597



19.9674, 34.2178, 12.7235



44.5504, 76.3153, 28.6218

Previews

White Background



This preview shows how the HunterLab color 36.3380, -19.6667, -2.9646 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 36.3380, -19.6667, -2.9646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

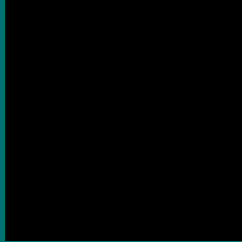
Any Text WCAG AA × Fail

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 36.3380, -19.6667, -2.9646 Background



This preview shows how black text looks on a background with the HunterLab color 36.3380, -19.6667, -2.9646.



This preview shows how white text looks on a background with the HunterLab color 36.3380,

-19.6667, -2.9646.

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

36.3380, -19.6667, -2.9646

Protanopia

36.3186, -0.9136, 0.9830

Deuteranopia

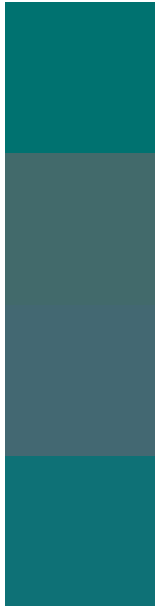
36.2833, 2.3390, -4.1058



Tritanopia

36.5868, -16.4642, -7.5813

Trichromacy



Original Color

36.3380, -19.6667, -2.9646

Protanomaly

35.3947, -11.2339, -1.6872

Deuteranomaly

35.0839, -8.9808, -5.4419

Tritanomaly

36.3478, -17.6612, -5.8696

Monochromacy



Original Color

36.3380, -19.6667, -2.9646

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.2172, -10.7962, -1.4362

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3380, -19.6667, -2.9646 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, 114, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 112)  
}
```

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, 114, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3380, -19.6667, -2.9646 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, 114, 112) }
```


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

```
.border{ border-color:rgb(0, 114, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 114, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3380, -19.6667, -2.9646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 112) }
```

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

```
.background{ background-color: rgb(0, 114,  
112) }
```

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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