

Converting Colors

HunterLab(36.2736, -19.6832,
-6.1302)

Have a look what the booklet for
HunterLab(36.2736, -19.6832,
-6.1302) contains.

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Color

**HunterLab(36.5276,
-18.5387, -5.6366)**

Conversions

Conversions Part 1

Format	Color
Hex	007276
RGB	0, 114, 118
RGB Percent	0%, 45%, 46%
CMY	0.9999, 0.5529, 0.5373
CMYK	1.00, 0.03, 0.00, 0.54
HSL	182°, 100%, 23%
HSV	182°, 100%, 46%
XYZ	9.2873, 13.3427, 19.2255
YIQ	80.3700, -69.2280, -22.9240

Conversions

Conversions Part 2

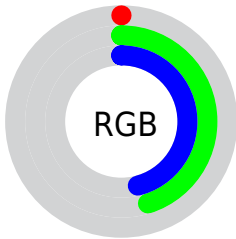
Format	Color
RYB	0, 58, 118
Decimal	29302
CIELab	43.28, -25.20, -10.00
CIELCh	43, 27.112, 201.652
Yxy	13.3431, 0.2219, 0.3188
Android (android.graphics.Color)	4278219382 (0xFF007276)
YUV	80.3700, 18.5516, -70.4845
Hunter-Lab	36.5276, -18.5387, -5.6366

Details

The HunterLab color **36.5276, -18.5387, -5.6366** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.8463, 32.8595, 12.8033**, and the grayscale version is **28.4118, -1.5160, 1.5437**.

A 20% lighter version of the original color is **56.3865, -22.5939, -5.6389**, and **20.5494, -9.9390, -4.2296** is the 20% darker color. If you saturate the color by 10%, you get **36.5280, -18.5390, -5.6365**, and if you desaturate by 10%, it is **36.7564, -18.2771, -5.3183**.

Distribution



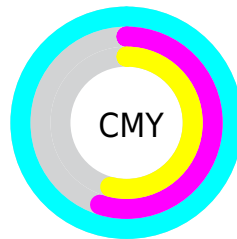
- Red (0%)
- Green (45%)
- Blue (46%)



- Red (0%)
- Yellow (23%)
- Blue (46%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5276, -18.5387, -5.6366 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 36.5276, -18.5387, -5.6366 by changing the saturation by 10% instead.

■ 36.5276, -18.5387,
-5.6366

■ 36.5276, -18.5387,
-5.6366

145.9813,
-35.7712, -3.4752

■ 27.6862, -16.2923,
-5.5790

■ 56.4968, -22.6979,
-5.5331

■ 19.7016, -13.8668,
-5.4378

■ 67.5171, -24.6682,
-5.3871

■ 12.6787, -11.1816,
-5.2044

■ 79.1732, -26.5891,
-5.1857

■ 6.0221, -10.5386,
-6.6161

■ 91.4322, -28.4722,
-4.9330

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.2657,
-30.3260, -4.6327

0.0000, NaN, NaN

■ 117.6492,

0.0000, NaN, NaN

-32.1572, -4.2879

0.0000, NaN, NaN

131.5608,
-33.9709, -3.9013

■ 36.5276, -18.5387,
-5.6366

■ 36.5276, -18.5387,
-5.6366

■ 36.5280, -18.5390,
-5.6365

■ 36.7564, -18.2771,
-5.3183

■ 37.0322, -17.8303,
-4.9346

■ 37.3900, -17.0667,
-4.4381

■ 37.8373, -15.9645,
-3.8220

■ 38.3789, -14.5134,
-3.0838

■ 39.0182, -12.7128,
-2.2245

■ 39.7566, -10.5708,
-1.2482

■ 40.5946, -8.1020,
-0.1609

■ 41.5314, -5.3264,
1.0295

Harmonies

Analogous

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



36.5283, -19.4930, 4.6095



36.5276, -18.5387, -5.6366



36.5283, -13.4033, -16.0046

Triad

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



36.5283, -18.5387, -5.6361



36.5283, 14.8447, -11.6773



36.5283, 0.9577, 16.1095

Complementary

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



36.5276, -18.5387, -5.6366



19.8463, 32.8595, 12.8033

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.



36.5283, 11.1130, 13.8569



36.5276, -18.5387, -5.6366



36.5283, 19.6897, -0.8428

Square

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



36.5283, -18.5387, -5.6361



36.5283, 5.6169, -20.1093



36.5283, 18.2537, 8.2572



36.5283, -8.9490, 15.4841

Rectangle

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



36.5276, -18.5387, -5.6366



36.5283, -7.9563, -20.6868



36.5283, 18.2537, 8.2572



36.5283, 4.4692, 15.6927

Sweetspot

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



36.5283, -18.5387, -5.6361



52.6388, -14.2479, -1.7587



36.0081, -30.7905, 21.4624



25.0801, -7.2983, -1.0538



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.



36.5283, -18.5387, -5.6361



48.3957, -24.5336, -7.5294



20.1186, 5.9601, -38.0102



20.3348, -2.4645, 0.5612



37.9885, -19.2768, -5.8692



83.7026, -42.3634, -13.1704

Inverse Universe

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



22.5097, 43.9424, -27.2936



29.8405, 58.2480, -36.1065



27.2030, 13.0623, 16.9902



19.3801, 1.2828, -0.4669



23.4112, 45.7048, -28.3794



51.6547, 100.8046, -62.3127

Previews

White Background



This preview shows how the HunterLab color 36.5276, -18.5387, -5.6366 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 36.5276, -18.5387, -5.6366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

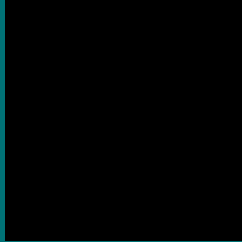
Any Text WCAG AA × Fail

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 36.5276, -18.5387, -5.6366 Background



This preview shows how black text looks on a background with the HunterLab color 36.5276, -18.5387, -5.6366.



This preview shows how white text looks on a background with the HunterLab color 36.5276, -18.5387, -5.6366.

-18.5387, -5.6366.

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

36.5276, -18.5387, -5.6366

Protanopia

36.4114, -0.2467, -1.5887

Deuteranopia

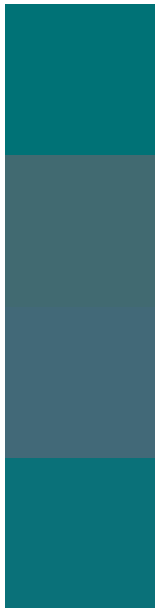
36.5765, 2.3709, -6.7425



Tritanopia

36.5383, -16.5843, -8.1828

Trichromacy



Original Color

36.5276, -18.5387, -5.6366

Protanomaly

35.5305, -10.3590, -4.3575

Deuteranomaly

35.5211, -8.4501, -7.9196

Tritanomaly

36.4078, -17.2278, -7.3255

Monochromacy



Original Color

36.5276, -18.5387, -5.6366

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.2758, -10.4577, -2.2653

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5276, -18.5387, -5.6366 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 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(0, 114, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5276, -18.5387, -5.6366 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, 118) }
```


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

```
.border{ border-color:rgb(0, 114, 118) }
```

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, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5276, -18.5387, -5.6366 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, 118) }
```

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

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