

Converting Colors

HunterLab(36.1488, -12.5766,
-18.0883)

Have a look what the booklet for
HunterLab(36.1488, -12.5766,
-18.0883) contains.

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Color

**HunterLab(36.0776,
-12.4909, -18.1297)**

Conversions

Conversions Part 1

Format	Color
Hex	006E8B
RGB	0, 110, 139
RGB Percent	0%, 43%, 55%
CMY	0.9999, 0.5686, 0.4549
CMYK	1.00, 0.21, 0.00, 0.45
HSL	193°, 100%, 27%
HSV	193°, 100%, 55%
XYZ	10.2361, 13.0159, 26.3989
YIQ	80.4160, -74.8690, -14.3010

Conversions

Conversions Part 2

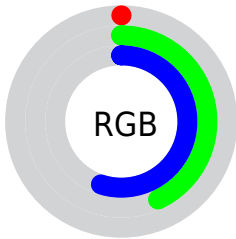
Format	Color
RYB	0, 61, 139
Decimal	28299
CIELab	42.79, -15.51, -23.35
CIELCh	43, 28.033, 236.415
Yxy	13.0164, 0.2062, 0.2622
Android (android.graphics.Color)	4278218379 (0xFF006E8B)
YUV	80.4160, 28.8819, -70.5248
Hunter-Lab	36.0776, -12.4909, -18.1297

Details

The HunterLab color **36.0776, -12.4909, -18.1297** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **25.2362, 34.2601, 16.1490**, and the grayscale version is **28.3941, -1.5150, 1.5427**.

A 20% lighter version of the original color is **56.1113, -15.4025, -19.0043**, and **20.4120, -4.8886, -14.9602** is the 20% darker color. If you saturate the color by 10%, you get **36.0769, -12.4897, -18.1313**, and if you desaturate by 10%, it is **37.0744, -13.1987, -16.4489**.

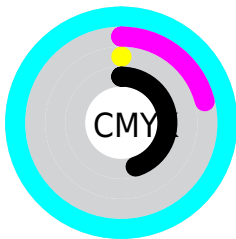
Distribution



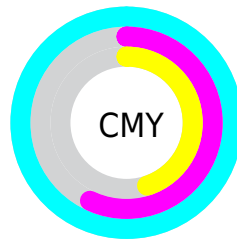
- Red (0%)
- Green (43%)
- Blue (55%)



- Red (0%)
- Yellow (24%)
- Blue (55%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0776, -12.4909, -18.1297 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 36.0776, -12.4909, -18.1297 by changing the saturation by 10% instead.

■ 36.0776, -12.4909,
-18.1297

■ 36.0776, -12.4909,
-18.1297

■ 145.2662,
-25.2074, -20.1065

■ 27.2760, -10.9576,
-17.6295

■ 55.9761, -15.4139,
-18.9779

■ 19.3356, -9.3401,
-17.1222

■ 66.9644, -16.8347,
-19.3112

■ 12.3631, -7.5822,
-16.7245

■ 78.5903, -18.2406,
-19.5833

■ 5.5555, -9.7222,
-21.2746

■ 90.8205, -19.6374,
-19.7960

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 103.6266,
-21.0296, -19.9521

0.0000, NaN, NaN

■ 116.9838,

0.0000, NaN, NaN

-22.4204, -20.0541

0.0000, NaN, NaN

130.8701,
-23.8123, -20.1048

■ 36.0776, -12.4909,
-18.1297

■ 36.0776, -12.4909,
-18.1297

■ 36.0769, -12.4897,
-18.1313

■ 37.0744, -13.1987,
-16.4489

■ 38.1492, -13.6227,
-14.6936

■ 39.3362, -13.6355,
-12.8169

■ 40.6394, -13.2252,
-10.8260

■ 42.0596, -12.3962,
-8.7331

■ 43.5951, -11.1637,
-6.5525

■ 45.2429, -9.5505,
-4.2990

■ 46.9987, -7.5838,
-1.9868

■ 48.8577, -5.2929,
0.3713

Harmonies

Analogous

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



36.0782, -18.3775, -7.7344



36.0776, -12.4909, -18.1297



36.0782, -3.1883, -23.1366

Triad

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



36.0782, -12.4907, -18.1290



36.0782, 20.6688, 0.7346



36.0782, -10.5270, 15.3380

Complementary

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



36.0776, -12.4909, -18.1297



25.2362, 34.2601, 16.1490

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.



36.0782, -0.6481, 16.4168



36.0776, -12.4909, -18.1297



36.0782, 18.1287, 9.5465

Square

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



36.0782, -12.4907, -18.1290



36.0782, 16.6041, -10.4447



36.0782, 10.0120, 14.6383



36.0782, -17.3387, 11.1016

Rectangle

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



36.0776, -12.4909, -18.1297



36.0782, 3.9953, -21.9258



36.0782, 10.0120, 14.6383



36.0782, -7.4903, 16.0179

Sweetspot

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



36.0782, -12.4907, -18.1290



60.3932, -12.9395, -5.9564



43.0680, -36.2424, 24.4073



28.5892, -6.6193, -3.4027



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



36.0782, -12.4907, -18.1290



48.0263, -16.3679, -24.6950



18.7080, 19.5318, -65.5432



23.4829, -2.4367, 0.2736



34.3101, -11.9151, -17.1633



3.1431, -1.4257, -0.8509

Inverse Universe

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



25.7201, 48.4195, -17.3106



34.3821, 64.6723, -22.6815



37.5435, 5.3819, 23.2275



22.6084, 1.4111, -0.1411



24.4389, 46.0198, -16.5143



2.0434, 3.9322, -2.0347

Previews

White Background



This preview shows how the HunterLab color 36.0776, -12.4909, -18.1297 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 36.0776, -12.4909, -18.1297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

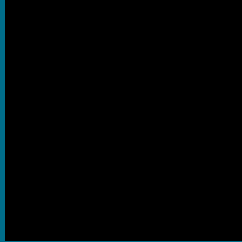
Any Text WCAG AA × Fail

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 36.0776, -12.4909, -18.1297 Background



This preview shows how black text looks on a background with the HunterLab color 36.0776, -12.4909, -18.1297.



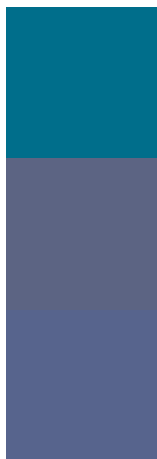
This preview shows how white text looks on a background with the HunterLab color 36.0776,

-12.4909, -18.1297.

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

36.0776, -12.4909, -18.1297

Protanopia

36.0948, 1.4571, -13.0045

Deuteranopia

36.1437, 2.4093, -19.0231



Tritanopia

36.0122, -17.1954, -7.8922

Trichromacy



Original Color

36.0776, -12.4909, -18.1297

Protanomaly

35.4283, -6.2905, -16.0243

Deuteranomaly

35.5054, -5.5283, -19.6501

Tritanomaly

35.9547, -15.3564, -11.7901

Monochromacy



Original Color

36.0776, -12.4909, -18.1297

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.2085, -8.8122, -5.7044

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0776, -12.4909, -18.1297 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, 110, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 139)  
}
```

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, 110, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0776, -12.4909, -18.1297 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, 110, 139) }
```


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

```
.border{ border-color:rgb(0, 110, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0776, -12.4909, -18.1297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 139) }
```

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

```
.background{ background-color: rgb(0, 110,  
139) }
```

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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