

Converting Colors

HunterLab(36.0331, -12.8042,
-17.3977)

Have a look what the booklet for
HunterLab(36.0331, -12.8042,
-17.3977) contains.

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Color

**HunterLab(36.0373,
-12.7239, -17.5762)**

Conversions

Conversions Part 1

Format	Color
Hex	006E8A
RGB	0, 110, 138
RGB Percent	0%, 43%, 54%
CMY	0.9999, 0.5686, 0.4588
CMYK	1.00, 0.20, 0.00, 0.46
HSL	192°, 100%, 27%
HSV	192°, 100%, 54%
XYZ	10.1634, 12.9869, 26.0158
YIQ	80.3020, -74.5480, -14.6120

Conversions

Conversions Part 2

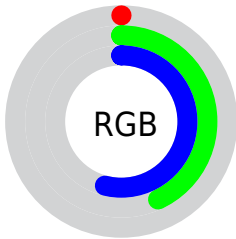
Format	Color
RYB	0, 61, 138
Decimal	28298
CIELab	42.74, -15.88, -22.82
CIELCh	43, 27.805, 235.165
Yxy	12.9873, 0.2067, 0.2641
Android (android.graphics.Color)	4278218378 (0xFF006E8A)
YUV	80.3020, 28.4451, -70.4249
Hunter-Lab	36.0373, -12.7239, -17.5762

Details

The HunterLab color **36.0373, -12.7239, -17.5762** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **24.9696, 34.2039, 15.9836**, and the grayscale version is **28.3545, -1.5129, 1.5406**.

A 20% lighter version of the original color is **56.0319, -15.7757, -18.5185**, and **20.3711, -5.1206, -14.4082** is the 20% darker color. If you saturate the color by 10%, you get **36.0365, -12.7227, -17.5779**, and if you desaturate by 10%, it is **37.0041, -13.3892, -15.9590**.

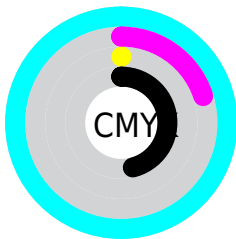
Distribution



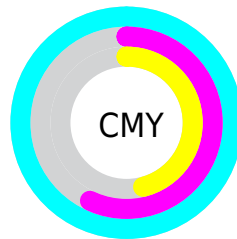
- Red (0%)
- Green (43%)
- Blue (54%)



- Red (0%)
- Yellow (24%)
- Blue (54%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (57%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0373, -12.7239, -17.5762 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 36.0373, -12.7239, -17.5762 by changing the saturation by 10% instead.

■ 36.0373, -12.7239,
-17.5762

■ 36.0373, -12.7239,
-17.5762

145.2021,
-25.6136, -19.4152

■ 27.2393, -11.1631,
-17.0860

■ 55.9294, -15.6944,
-18.3966

■ 19.3029, -9.5143,
-16.5823

■ 66.9148, -17.1363,
-18.7146

■ 12.3349, -7.7193,
-16.1738

■ 78.5380, -18.5619,
-18.9708

■ 5.5117, -9.6455,
-20.6868

■ 90.7657, -19.9774,
-19.1676

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 103.5694,
-21.3873, -19.3078

0.0000, NaN, NaN

■ 116.9241,

0.0000, NaN, NaN

-22.7949, -19.3940

0.0000, NaN, NaN

130.8082,
-24.2030, -19.4290

■ 36.0373, -12.7239,
-17.5762

■ 36.0373, -12.7239,
-17.5762

■ 36.0365, -12.7227,
-17.5779

■ 37.0041, -13.3892,
-15.9590

■ 38.0471, -13.7757,
-14.2669

■ 39.2007, -13.7558,
-12.4530

■ 40.4692, -13.3172,
-10.5238

■ 41.8534, -12.4635,
-8.4909

■ 43.3519, -11.2094,
-6.3681

■ 44.9618, -9.5770,
-4.1700

■ 46.6791, -7.5930,
-1.9106

■ 48.4991, -5.2862,
0.3973

Harmonies

Analogous

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



36.0379, -18.4033, -7.1742



36.0373, -12.7239, -17.5762



36.0379, -3.6068, -22.8299

Triad

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



36.0379, -12.7237, -17.5756



36.0379, 20.4219, 0.3091



36.0379, -10.0962, 15.3516

Complementary

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



36.0373, -12.7239, -17.5762



24.9696, 34.2039, 15.9836

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.



36.0379, -0.2114, 16.3076



36.0373, -12.7239, -17.5762



36.0379, 18.1775, 9.1952

Square

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



36.0379, -12.7237, -17.5756



36.0379, 16.1429, -10.7892



36.0379, 10.3174, 14.4111



36.0379, -17.0122, 11.2799

Rectangle

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



36.0373, -12.7239, -17.5762



36.0379, 3.4973, -21.8648



36.0379, 10.3174, 14.4111



36.0379, -7.0442, 15.9877

Sweetspot

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



36.0379, -12.7237, -17.5756



59.5490, -12.8717, -5.7304



42.7309, -35.9558, 24.2100



27.8283, -6.4899, -3.2198



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



36.0379, -12.7237, -17.5756



47.6062, -16.5669, -23.7405



18.5736, 19.3450, -64.9720



23.4929, -2.4530, 0.2856



34.5358, -12.2232, -16.7805



3.1531, -1.4384, -0.8360

Inverse Universe

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



25.5531, 48.1618, -17.6404



33.8904, 63.8256, -22.9624



37.2562, 5.3269, 23.0494



22.6095, 1.4168, -0.1561



24.4709, 46.1334, -16.9483



2.0450, 3.9377, -2.0554

Previews

White Background



This preview shows how the HunterLab color 36.0373, -12.7239, -17.5762 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 36.0373, -12.7239, -17.5762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

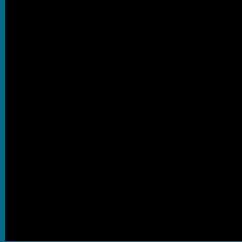
Any Text WCAG AA × Fail

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 36.0373, -12.7239, -17.5762 Background



This preview shows how black text looks on a background with the HunterLab color 36.0373, -12.7239, -17.5762.



This preview shows how white text looks on a background with the HunterLab color 36.0373,

-12.7239, -17.5762.

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

36.0373, -12.7239, -17.5762

Protanopia

36.1292, 1.4989, -12.3687

Deuteranopia

36.1027, 2.1894, -18.4614



Tritanopia

36.0122, -17.1954, -7.8922

Trichromacy



Original Color

36.0373, -12.7239, -17.5762

Protanomaly

35.3891, -6.5104, -15.4844

Deuteranomaly

35.4640, -5.7594, -19.0846

Tritanomaly

35.9182, -15.5699, -11.2837

Monochromacy



Original Color

36.0373, -12.7239, -17.5762

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 36.0373, -12.7239, -17.5762 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0373, -12.7239, -17.5762 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, 138) }
```


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

```
.border{ border-color:rgb(0, 110, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0373, -12.7239, -17.5762 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, 138) }
```

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

```
.background{ background-color: rgb(0, 110,  
138) }
```

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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