

Converting Colors

HunterLab(29.7143, -12.3180,
-17.8418)

Have a look what the booklet for
HunterLab(29.7143, -12.3180,
-17.8418) contains.

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Color

**HunterLab(30.3466, -9.7822,
-16.8137)**

Conversions

Conversions Part 1

Format	Color
Hex	005D79
RGB	0, 93, 121
RGB Percent	0%, 36%, 47%
CMY	0.9999, 0.6353, 0.5255
CMYK	1.00, 0.23, 0.00, 0.53
HSL	194°, 100%, 24%
HSV	194°, 100%, 47%
XYZ	7.3655, 9.2092, 19.4785
YIQ	68.3850, -64.4160, -11.0080

Conversions

Conversions Part 2

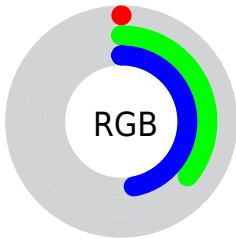
Format	Color
RYB	0, 53, 121
Decimal	23929
CIELab	36.38, -12.62, -22.37
CIELCh	36, 25.690, 240.571
Yxy	9.2095, 0.2043, 0.2554
Android (android.graphics.Color)	4278214009 (0xFF005D79)
YUV	68.3850, 25.9392, -59.9736
Hunter-Lab	30.3466, -9.7822, -16.8137

Details

The HunterLab color **30.3466, -9.7822, -16.8137** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **22.1273, 28.2402, 14.1280**, and the grayscale version is **24.1078, -1.2863, 1.3098**.

A 20% lighter version of the original color is **49.1920, -12.2586, -17.5535**, and **15.8143, -2.9986, -13.2934** is the 20% darker color. If you saturate the color by 10%, you get **30.3460, -9.7812, -16.8151**, and if you desaturate by 10%, it is **31.2874, -10.4283, -15.1829**.

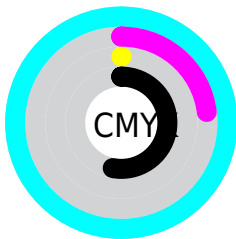
Distribution



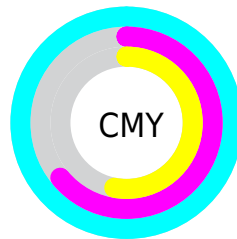
- Red (0%)
- Green (36%)
- Blue (47%)



- Red (0%)
- Yellow (21%)
- Blue (47%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3466, -9.7822, -16.8137 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 30.3466, -9.7822, -16.8137 by changing the saturation by 10% instead.

30.3466, -9.7822,
-16.8137

30.3466, -9.7822,
-16.8137

135.9901,
-21.2084, -18.8566

22.0863, -8.4224,
-16.3139

49.2926, -12.3778,
-17.6841

14.7509, -6.9817,
-15.8455

59.8524, -13.6451,
-18.0288

8.4072, -6.9915,
-15.8683

71.0742, -14.9035,
-18.3104

0.0000, NaN, -NF

82.9210, -16.1586,
-18.5309

0.0000, NaN, NaN

95.3614, -17.4141,
-18.6930

0.0000, NaN, NaN

108.3684,

0.0000, NaN, NaN

-18.6730, -18.7995

0.0000, NaN, NaN

121.9183,
-19.9372, -18.8531

30.3466, -9.7822,
-16.8137

30.3466, -9.7822,
-16.8137

30.3460, -9.7812,
-16.8151

31.2874, -10.4283,
-15.1829

32.2889, -10.8577,
-13.5102

33.3869, -10.9370,
-11.7425

34.5838, -10.6602,
-9.8884

35.8792, -10.0339,
-7.9595

■ 37.2710, -9.0731,
-5.9688

■ 38.7561, -7.7984,
-3.9288

■ 40.3303, -6.2333,
-1.8511

■ 41.9895, -4.4024,
0.2541

Harmonies

Analogous

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



30.3471, -15.3180, -8.1398



30.3466, -9.7822, -16.8137



30.3471, -1.4457, -20.2699

Triad

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



30.3471, -9.7820, -16.8131



30.3471, 18.0269, 1.8179



30.3471, -10.0516, 12.8083

Complementary

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



30.3466, -9.7822, -16.8137



22.1273, 28.2402, 14.1280

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.



30.3471, -1.7957, 14.0646



30.3466, -9.7822, -16.8137



30.3471, 15.0407, 8.9836

Square

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



30.3471, -9.7820, -16.8131



30.3471, 15.2519, -7.7636



30.3471, 7.5056, 12.9028



30.3471, -15.4602, 8.7714

Rectangle

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



30.3466, -9.7822, -16.8137



30.3471, 4.8039, -18.5375



30.3471, 7.5056, 12.9028



30.3471, -7.5520, 13.5053

Sweetspot

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



30.3471, -9.7820, -16.8131



51.7069, -10.5796, -5.4671



37.0818, -31.0691, 20.7217



24.3997, -5.3504, -3.0565



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



30.3471, -9.7820, -16.8131



40.3379, -12.7114, -22.9787



15.9421, 17.2453, -57.1506



20.8870, -2.0932, 0.2214



31.3866, -10.0870, -17.4555



67.5664, -20.6520, -39.8704

Inverse Universe

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



22.0355, 41.3194, -13.5634



29.4488, 55.1622, -17.6394



32.9186, 3.5090, 20.3450



20.1554, 1.1863, -0.0470



22.8065, 42.7624, -13.9882



49.6747, 92.9127, -28.7009

Previews

White Background



This preview shows how the HunterLab color 30.3466, -9.7822, -16.8137 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 30.3466, -9.7822, -16.8137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

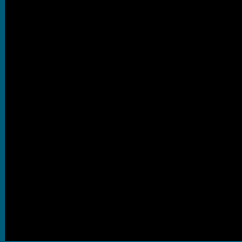
Any Text WCAG AA × Fail

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 30.3466, -9.7822, -16.8137 Background



This preview shows how black text looks on a background with the HunterLab color 30.3466, -9.7822, -16.8137.

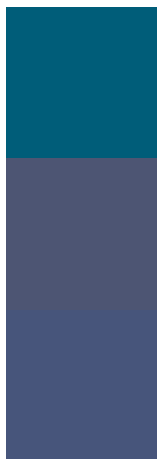


This preview shows how white text looks on a background with the HunterLab color 30.3466, -9.7822, -16.8137.

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

30.3466, -9.7822, -16.8137

Protanopia

30.5165, 1.6003, -12.6807

Deuteranopia

30.4412, 1.9774, -17.7052



Tritanopia

30.2716, -14.4091, -6.7318

Trichromacy



Original Color

30.3466, -9.7822, -16.8137

Protanomaly

29.8610, -4.6309, -15.0967

Deuteranomaly

29.9040, -4.0731, -18.1504

Tritanomaly

30.2179, -12.6115, -10.5450

Monochromacy



Original Color

30.3466, -9.7822, -16.8137

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.5137, -7.0759, -5.3563

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3466, -9.7822, -16.8137 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, 93, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 121)  
}
```

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, 93, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3466, -9.7822, -16.8137 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, 93, 121) }
```


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

```
.border{ border-color:rgb(0, 93, 121) }
```

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

Here you see how a box with a 4 pixel rgb(0, 93, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 93, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 93, 121)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.3466, -9.7822, -16.8137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 93, 121) }
```

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

```
.background{ background-color: rgb(0, 93,  
121) }
```

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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