

Converting Colors

HunterLab(27.9983, -19.6633,
-19.8952)

Have a look what the booklet for
HunterLab(27.9983, -19.6633,
-19.8952) contains.

HunterLab(30.2665, -10.2434, -15.7180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(30.2665,
-10.2434, -15.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	005D77
RGB	0, 93, 119
RGB Percent	0%, 36%, 47%
CMY	0.9999, 0.6353, 0.5333
CMYK	1.00, 0.22, 0.00, 0.53
HSL	193°, 100%, 23%
HSV	193°, 100%, 47%
XYZ	7.2441, 9.1606, 18.8391
YIQ	68.1570, -63.7740, -11.6300

Conversions

Conversions Part 2

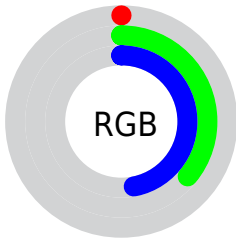
Format	Color
RYB	0, 52, 119
Decimal	23927
CIELab	36.29, -13.40, -21.29
CIELCh	36, 25.155, 237.804
Yxy	9.1609, 0.2055, 0.2599
Android (android.graphics.Color)	4278214007 (0xFF005D77)
YUV	68.1570, 25.0656, -59.7737
Hunter-Lab	30.2665, -10.2434, -15.7180

Details

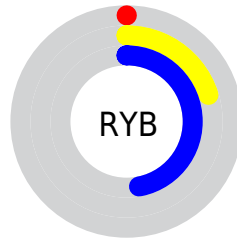
The HunterLab color **30.2665, -10.2434, -15.7180** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **21.5902, 28.1729, 13.7959**, and the grayscale version is **24.0304, -1.2822, 1.3056**.

A 20% lighter version of the original color is **49.0724, -12.8551, -16.5370**, and **15.7329, -3.4569, -12.2023** is the 20% darker color. If you saturate the color by 10%, you get **30.2660, -10.2425, -15.7192**, and if you desaturate by 10%, it is **31.1491, -10.8054, -14.2156**.

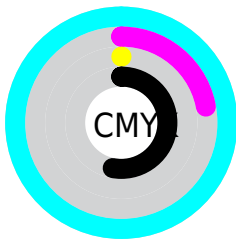
Distribution



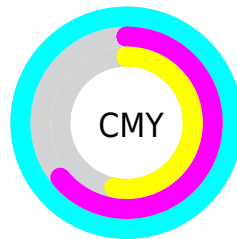
- Red (0%)
- Green (36%)
- Blue (47%)



- Red (0%)
- Yellow (20%)
- Blue (47%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2665, -10.2434, -15.7180 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 30.2665, -10.2434, -15.7180 by changing the saturation by 10% instead.

30.2665, -10.2434,
-15.7180

30.2665, -10.2434,
-15.7180

135.8580,
-22.0394, -17.4733

22.0143, -8.8231,
-15.2354

49.1984, -12.9419,
-16.5323

14.6880, -7.3122,
-14.7647

59.7519, -14.2543,
-16.8446

8.3462, -7.4434,
-14.7528

70.9678, -15.5548,
-17.0930

0.0000, NaN, -NF

0.0000, NaN, NaN

82.8090, -16.8495,
-17.2800

0.0000, NaN, NaN

95.2441, -18.1426,
-17.4085

0.0000, NaN, NaN

0.0000, NaN, NaN

108.2460,

-19.4371, -17.4816

0.0000, NaN, NaN

121.7909,
-20.7355, -17.5023

30.2665, -10.2434,
-15.7180

30.2665, -10.2434,
-15.7180

30.2660, -10.2425,
-15.7192

31.1491, -10.8054,
-14.2156

32.0889, -11.1611,
-12.6698

33.1222, -11.1760,
-11.0273

34.2515, -10.8433,
-9.2956

35.4768, -10.1683,
-7.4852

■ 36.7966, -9.1648,
-5.6083

■ 38.2079, -7.8521,
-3.6770

■ 39.7071, -6.2526,
-1.7026

■ 41.2901, -4.3903,
0.3046

Harmonies

Analogous

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



30.2670, -15.3725, -7.0172



30.2665, -10.2434, -15.7180



30.2670, -2.2725, -19.6753

Triad

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



30.2670, -10.2432, -15.7174



30.2670, 17.5506, 1.0142



30.2670, -9.2259, 12.8376

Complementary

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



30.2665, -10.2434, -15.7180



21.5902, 28.1729, 13.7959

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.



30.2670, -0.9550, 13.8574



30.2665, -10.2434, -15.7180



30.2670, 15.1418, 8.3265

Square

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



30.2670, -10.2432, -15.7174



30.2670, 14.3497, -8.4263



30.2670, 8.0994, 12.4770



30.2670, -14.8348, 9.1304

Rectangle

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



30.2665, -10.2434, -15.7180



30.2670, 3.8218, -18.4269



30.2670, 8.0994, 12.4770



30.2670, -6.6962, 13.4489

Sweetspot

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



30.2670, -10.2432, -15.7174



50.9784, -10.6574, -5.1225



36.4246, -30.5115, 20.3393



24.4980, -5.4972, -2.9264



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.



30.2670, -10.2432, -15.7174



40.2451, -13.3530, -21.4776



15.6860, 16.8643, -56.0080



20.0650, -2.0319, 0.2421



31.1737, -10.5260, -16.2418



67.8665, -21.9211, -37.5059

Inverse Universe

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



21.7085, 40.8136, -14.1935



29.0128, 54.4909, -18.5052



32.3487, 3.4206, 19.9923



19.3517, 1.1305, -0.0636



22.3719, 42.0591, -14.5859



49.2535, 92.3747, -30.3946

Previews

White Background



This preview shows how the HunterLab color 30.2665, -10.2434, -15.7180 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 30.2665, -10.2434, -15.7180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

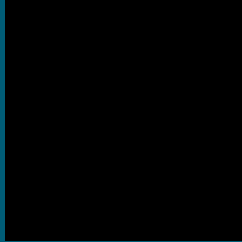
Any Text WCAG AA × Fail

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 30.2665, -10.2434, -15.7180 Background



This preview shows how black text looks on a background with the HunterLab color 30.2665, -10.2434, -15.7180.



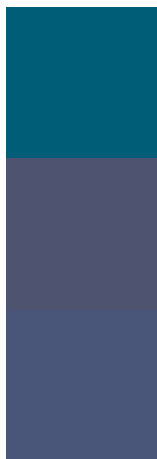
This preview shows how white text looks on a background with the HunterLab color 30.2665, -10.2434, -15.7180.

-10.2434, -15.7180.

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

30.2665, -10.2434, -15.7180

Protanopia

30.2162, 1.6875, -11.4302

Deuteranopia

30.4860, 1.9652, -16.3606



Tritanopia

30.2386, -14.6039, -6.2700

Trichromacy



Original Color

30.2665, -10.2434, -15.7180

Protanomaly

29.5505, -4.4880, -14.4128

Deuteranomaly

29.8603, -4.3933, -16.9596

Tritanomaly

30.1465, -13.0290, -9.5546

Monochromacy



Original Color

30.2665, -10.2434, -15.7180

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 30.2665, -10.2434, -15.7180 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 30.2665, -10.2434, -15.7180 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, 119) }
```


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

```
.border{ border-color:rgb(0, 93, 119) }
```

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, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 93, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 93, 119)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.2665, -10.2434, -15.7180 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, 119) }
```

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

```
.background{ background-color: rgb(0, 93,  
119) }
```

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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