

Converting Colors

HunterLab(29.5198, -8.8242,
-16.3859)

Have a look what the booklet for
HunterLab(29.5198, -8.8242,
-16.3859) contains.

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Color

**HunterLab(29.4932, -8.7766,
-16.4356)**

Conversions

Conversions Part 1

Format	Color
Hex	0C5A76
RGB	12, 90, 118
RGB Percent	5%, 35%, 46%
CMY	0.9529, 0.6471, 0.5373
CMYK	0.90, 0.24, 0.00, 0.54
HSL	196°, 82%, 25%
HSV	196°, 90%, 46%
XYZ	7.0778, 8.6985, 18.4455
YIQ	69.8700, -55.4760, -7.8280

Conversions

Conversions Part 2

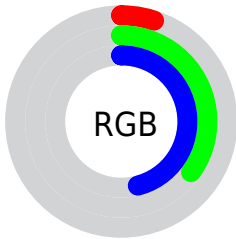
Format	Color
R_{YB}	12, 57, 118
Decimal	809590
CIE _{Lab}	35.40, -11.18, -22.05
CIE _{LCh}	35, 24.721, 243.106
Yxy	8.6988, 0.2068, 0.2542
Android (android.graphics.Color)	4278999670 (0xFF0C5A76)
YUV	69.8700, 23.7281, -50.7520
Hunter-Lab	29.4932, -8.7766, -16.4356

Details

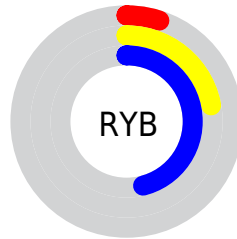
The HunterLab color **29.4932, -8.7766, -16.4356** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **23.2304, 23.0994, 13.8301**, and the grayscale version is **24.6364, -1.3145, 1.3385**.

A 20% lighter version of the original color is **48.2474, -11.2694, -17.2018**, and **14.9367, -2.5386, -13.1893** is the 20% darker color. If you saturate the color by 10%, you get **28.4728, -8.0027, -18.2860**, and if you desaturate by 10%, it is **30.5768, -9.3349, -14.5569**.

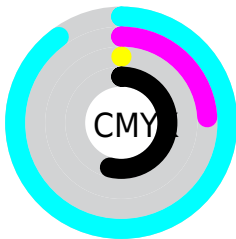
Distribution



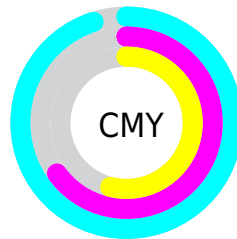
- Red (5%)
- Green (35%)
- Blue (46%)



- Red (5%)
- Yellow (22%)
- Blue (46%)



- Cyan (90%)
- Magenta (24%)
- Yellow (0%)
- Black (54%)



- Cyan (95%)
- Magenta (65%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.4932, -8.7766, -16.4356 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 29.4932, -8.7766, -16.4356 by changing the saturation by 10% instead.

■ 29.4932, -8.7766,
-16.4356

■ 29.4932, -8.7766,
-16.4356

■ 134.5789,
-19.5264, -18.4421

■ 21.3196, -7.5216,
-15.9392

■ 48.2881, -11.1890,
-17.3004

■ 14.0819, -6.1984,
-15.4790

■ 58.7803, -12.3742,
-17.6415

■ 7.7302, -6.7163,
-15.9634

■ 69.9385, -13.5555,
-17.9193

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.7251, -14.7376,
-18.1356

0.0000, NaN, NaN

■ 94.1083, -15.9237,
-18.2931

0.0000, NaN, NaN

■ 107.0604,

0.0000, NaN, NaN

-17.1161, -18.3948

0.0000, NaN, NaN

120.5577,
-18.3166, -18.4436

29.4932, -8.7766,
-16.4356

29.4932, -8.7766,
-16.4356

28.4728, -8.0027,
-18.2860

30.5768, -9.3349,
-14.5569

28.4545, -7.9889,
-18.3200

31.7568, -9.5480,
-12.5986

33.0347, -9.4135,
-10.5710

34.4089, -8.9414,
-8.4873

35.8766, -8.1489,
-6.3609

■ 37.4338, -7.0579,
-4.2040

■ 39.0759, -5.6925,
-2.0274

■ 40.7984, -4.0773,
0.1603

■ 42.5965, -2.2362,
2.3519

Harmonies

Analogous

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



29.4937, -14.3363, -8.4916



29.4932, -8.7766, -16.4356



29.4937, -0.6621, -19.1498

Triad

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



29.4937, -8.7764, -16.4350



29.4937, 17.0841, 2.4559



29.4937, -10.1783, 12.0772

Complementary

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



29.4932, -8.7766, -16.4356



23.2304, 23.0994, 13.8301

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.



29.4937, -2.4775, 13.4961



29.4932, -8.7766, -16.4356



29.4937, 13.8088, 9.0501

Square

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



29.4937, -8.7764, -16.4350



29.4937, 14.9002, -6.5503



29.4937, 6.3907, 12.5743



29.4937, -15.0773, 7.9420

Rectangle

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



29.4932, -8.7766, -16.4356



29.4937, 5.2906, -17.1335



29.4937, 6.3907, 12.5743



29.4937, -7.8654, 12.8229

Sweetspot

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



29.4937, -8.7764, -16.4350



50.0962, -8.9996, -4.9564



36.3022, -29.1665, 18.7929



23.7567, -4.5215, -2.7331



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.



29.4937, -8.7764, -16.4350



37.4393, -10.1735, -24.8341



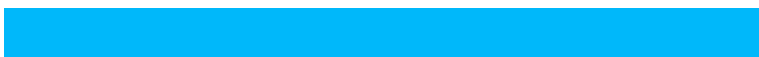
16.7489, 14.7186, -50.0951



19.9986, -1.9245, 0.1630



29.5608, -8.2587, -19.1201



64.1313, -16.6054, -44.3122

Inverse Universe

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



22.0296, 38.0063, -11.7941



28.2049, 52.4954, -14.2831



33.8330, 0.5262, 20.2467



19.3448, 1.0933, 0.0350



22.1498, 41.2698, -11.5599



48.7456, 90.5675, -23.4562

Previews

White Background



This preview shows how the HunterLab color 29.4932, -8.7766, -16.4356 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 29.4932, -8.7766, -16.4356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

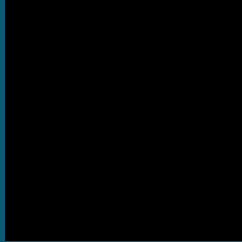
Any Text WCAG AA × Fail

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 29.4932, -8.7766, -16.4356 Background



This preview shows how black text looks on a background with the HunterLab color 29.4932, -8.7766, -16.4356.



This preview shows how white text looks on a background with the HunterLab color 29.4932, -8.7766, -16.4356.

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

29.4932, -8.7766, -16.4356

Protanopia

29.4963, 1.8994, -12.6044

Deuteranopia

29.4208, 2.2786, -17.6405



Tritanopia

29.2821, -13.8917, -6.6118

Trichromacy



Original Color

29.4932, -8.7766, -16.4356

Protanomaly

29.0551, -3.5295, -14.6438

Deuteranomaly

29.0814, -3.0337, -17.7153

Tritanomaly

29.2737, -11.9299, -10.3432

Monochromacy



Original Color

29.4932, -8.7766, -16.4356

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

25.7853, -6.0757, -4.9505

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4932, -8.7766, -16.4356 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(12, 90, 118)` looks like.

```
.text, #text, p{  
    color:rgb(12, 90, 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(12, 90, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 90, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 29.4932, -8.7766, -16.4356 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(12, 90, 118) }
```


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

```
.border{ border-color:rgb(12, 90, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 90, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 90, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 90, 118);  
box-shadow:4px 4px 4px 4px rgb(12, 90,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.4932, -8.7766, -16.4356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 90, 118) }
```

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

```
.background{ background-color: rgb(12, 90,  
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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