

Converting Colors

HunterLab(29.3140, -8.6665,
-17.9312)

Have a look what the booklet for
HunterLab(29.3140, -8.6665,
-17.9312) contains.

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Color

**HunterLab(29.4421, -8.8037,
-17.7955)**

Conversions

Conversions Part 1

Format	Color
Hex	005A78
RGB	0, 90, 120
RGB Percent	0%, 35%, 47%
CMY	0.9999, 0.6471, 0.5294
CMYK	1.00, 0.25, 0.00, 0.53
HSL	195°, 100%, 24%
HSV	195°, 100%, 47%
XYZ	7.0463, 8.6684, 19.0711
YIQ	66.5100, -63.2700, -9.7500

Conversions

Conversions Part 2

Format	Color
RYB	0, 51, 120
Decimal	23160
CIELab	35.34, -11.24, -23.39
CIELCh	35, 25.947, 244.334
Yxy	8.6687, 0.2026, 0.2492
Android (android.graphics.Color)	4278213240 (0xFF005A78)
YUV	66.5100, 26.3706, -58.3293
Hunter-Lab	29.4421, -8.8037, -17.7955

Details

The HunterLab color **29.4421, -8.8037, -17.7955** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **22.1863, 27.2312, 14.1468**, and the grayscale version is **23.4477, -1.2511, 1.2740**.

A 20% lighter version of the original color is **48.1981, -11.2917, -18.5099**, and **15.0210, -2.0682, -14.3102** is the 20% darker color. If you saturate the color by 10%, you get **29.4415, -8.8026, -17.7970**, and if you desaturate by 10%, it is **30.4356, -9.5313, -16.0283**.

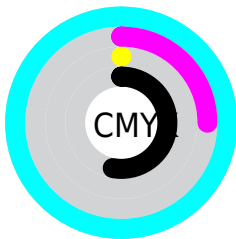
Distribution



- Red (0%)
- Green (35%)
- Blue (47%)



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



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.4421, -8.8037, -17.7955 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 29.4421, -8.8037, -17.7955 by changing the saturation by 10% instead.

■ 29.4421, -8.8037,
-17.7955

■ 29.4421, -8.8037,
-17.7955

■ 134.4941,
-19.5802, -20.1535

■ 21.2737, -7.5441,
-17.2829

■ 48.2278, -11.2237,
-18.7259

■ 14.0420, -6.2153,
-16.8371

■ 58.7160, -12.4122,
-19.1063

■ 7.6876, -6.7809,
-17.4939

■ 69.8703, -13.5965,
-19.4249

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.6533, -14.7814,
-19.6827

0.0000, NaN, NaN

■ 94.0330, -15.9702,
-19.8818

0.0000, NaN, NaN

■ 106.9819,

0.0000, NaN, NaN

-17.1651, -20.0248

0.0000, NaN, NaN

120.4760,
-18.3680, -20.1145

29.4421, -8.8037,
-17.7955

29.4421, -8.8037,
-17.7955

29.4415, -8.8026,
-17.7970

30.4356, -9.5313,
-16.0283

31.4904, -10.0433,
-14.2278

32.6427, -10.2052,
-12.3397

33.8939, -10.0134,
-10.3738

35.2432, -9.4760,
-8.3430

■ 36.6879, -8.6095,
-6.2604

■ 38.2244, -7.4353,
-4.1387

■ 39.8485, -5.9776,
-1.9891

■ 41.5554, -4.2610,
0.1787

Harmonies

Analogous

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



29.4426, -14.7231, -9.4697



29.4421, -8.8037, -17.7955



29.4426, -0.2330, -20.4119

Triad

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



29.4426, -8.8034, -17.7949



29.4426, 18.0774, 2.8379



29.4426, -10.8422, 12.3341

Complementary

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



29.4421, -8.8037, -17.7955



22.1863, 27.2312, 14.1468

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.



29.4426, -2.8886, 13.8730



29.4421, -8.8037, -17.7955



29.4426, 14.3880, 9.5575

Square

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



29.4426, -8.8034, -17.7949



29.4426, 15.9982, -6.5955



29.4426, 6.4314, 13.0387



29.4426, -15.7956, 7.9623

Rectangle

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



29.4421, -8.8037, -17.7955



29.4426, 6.0233, -18.0582



29.4426, 6.4314, 13.0387



29.4426, -8.4688, 13.1273

Sweetspot

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



29.4426, -8.8034, -17.7949



50.5371, -9.9903, -5.7002



36.7790, -30.6270, 20.1457



24.2586, -5.1389, -3.2444



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.



29.4426, -8.8034, -17.7949



38.7664, -11.2780, -24.1088



15.1170, 19.0636, -60.0444



20.8586, -2.0473, 0.1875



30.7136, -9.1412, -18.6561



66.0265, -18.4619, -42.6734

Inverse Universe

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



21.7522, 40.6415, -12.2508



28.8088, 53.7662, -15.7272



33.6245, 1.6878, 20.7481



20.1524, 1.1703, -0.0047



22.7138, 42.4330, -12.7254



49.4653, 92.1674, -25.8392

Previews

White Background



This preview shows how the HunterLab color 29.4421, -8.8037, -17.7955 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 29.4421, -8.8037, -17.7955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

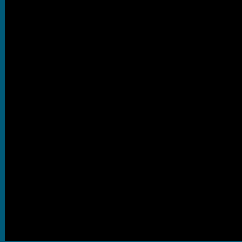
Any Text WCAG AA × Fail

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 29.4421, -8.8037, -17.7955 Background



This preview shows how black text looks on a background with the HunterLab color 29.4421, -8.8037, -17.7955.

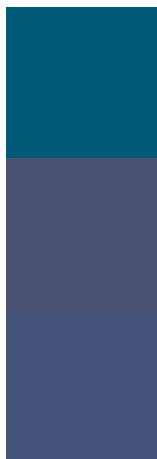


This preview shows how white text looks on a background with the HunterLab color 29.4421, -8.8037, -17.7955.

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

29.4421, -8.8037, -17.7955

Protanopia

29.5048, 2.0809, -13.7733

Deuteranopia

29.6394, 1.8558, -18.5355



Tritanopia

29.5784, -14.2582, -6.1911

Trichromacy



Original Color

29.4421, -8.8037, -17.7955

Protanomaly

28.9176, -3.8589, -16.1259

Deuteranomaly

29.2398, -3.7041, -18.7271

Tritanomaly

29.5226, -12.4790, -9.9620

Monochromacy



Original Color

29.4421, -8.8037, -17.7955

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.9352, -6.4689, -5.6824

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4421, -8.8037, -17.7955 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, 90, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 120)  
}
```

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, 90, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 29.4421, -8.8037, -17.7955 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, 90, 120) }
```


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

```
.border{ border-color:rgb(0, 90, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.4421, -8.8037, -17.7955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 120) }
```

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

```
.background{ background-color: rgb(0, 90,  
120) }
```

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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