

Converting Colors

HunterLab(27.9457, -9.4156,
-28.5294)

Have a look what the booklet for
HunterLab(27.9457, -9.4156,
-28.5294) contains.

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Color

**HunterLab(29.0776, -4.8150,
-25.9502)**

Conversions

Conversions Part 1

Format	Color
Hex	005783
RGB	0, 87, 131
RGB Percent	0%, 34%, 51%
CMY	0.9999, 0.6588, 0.4863
CMYK	1.00, 0.34, 0.00, 0.49
HSL	200°, 100%, 26%
HSV	200°, 100%, 51%
XYZ	7.5049, 8.4551, 22.7091
YIQ	66.0030, -65.9760, -4.7600

Conversions

Conversions Part 2

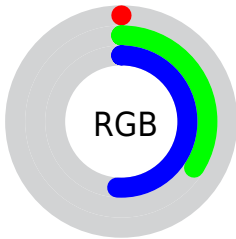
Format	Color
RYB	0, 52, 131
Decimal	22403
CIELab	34.91, -4.95, -30.83
CIELCh	35, 31.219, 260.883
Yxy	8.4553, 0.1941, 0.2187
Android (android.graphics.Color)	4278212483 (0xFF005783)
YUV	66.0030, 32.0435, -57.8846
Hunter-Lab	29.0776, -4.8150, -25.9502

Details

The HunterLab color **29.0776, -4.8150, -25.9502** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **25.7450, 26.0938, 16.3196**, and the grayscale version is **23.2521, -1.2407, 1.2633**.

A 20% lighter version of the original color is **47.9288, -6.6367, -26.6794**, and **15.0000, 1.2766, -21.5045** is the 20% darker color. If you saturate the color by 10%, you get **29.0762, -4.8127, -25.9535**, and if you desaturate by 10%, it is **30.4568, -6.1789, -23.1420**.

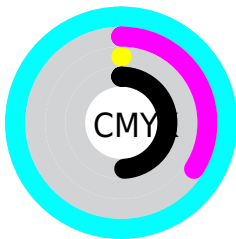
Distribution



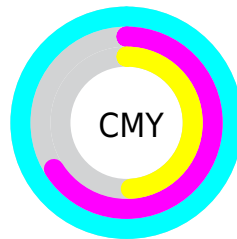
- Red (0%)
- Green (34%)
- Blue (51%)



- Red (0%)
- Yellow (20%)
- Blue (51%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (66%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0776, -4.8150, -25.9502 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 29.0776, -4.8150, -25.9502 by changing the saturation by 10% instead.

■ 29.0776, -4.8150,
-25.9502

■ 29.0776, -4.8150,
-25.9502

■ 133.8884,
-12.6561, -29.9618

■ 20.9468, -4.0263,
-25.4619

■ 47.7979, -6.4268,
-27.1152

■ 13.7575, -3.2390,
-25.2902

■ 58.2568, -7.2578,
-27.6728

■ 7.3755, -3.3165,
-27.5720

■ 69.3837, -8.1078,
-28.1860

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 81.1406, -8.9773,
-28.6479

0.0000, NaN, NaN

■ 93.4956, -9.8669,
-29.0561

0.0000, NaN, NaN

■ 106.4208,

0.0000, NaN, NaN

-10.7766, -29.4105

0.0000, NaN, NaN

119.8922,
-11.7063, -29.7119

■ 29.0776, -4.8150,
-25.9502

■ 29.0776, -4.8150,
-25.9502

■ 29.0762, -4.8127,
-25.9535

■ 30.4568, -6.1789,
-23.1420

■ 31.9231, -7.2570,
-20.3372

■ 33.5105, -7.9216,
-17.4816

■ 35.2170, -8.1777,
-14.5935

■ 37.0383, -8.0441,
-11.6913

■ 38.9683, -7.5474,
-8.7909

■ 41.0005, -6.7180,
-5.9047

■ 43.1283, -5.5869,
-3.0419

■ 45.3450, -4.1847,
-0.2084

Harmonies

Analogous

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



29.0781, -13.6799, -18.6385



29.0776, -4.8150, -25.9502



29.0781, 6.3389, -24.0366

Triad

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



29.0781, -4.8146, -25.9496



29.0781, 20.8486, 7.8553



29.0781, -16.1516, 11.5956

Complementary

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



29.0776, -4.8150, -25.9502



25.7450, 26.0938, 16.3196

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.



29.0781, -8.6840, 14.7663



29.0776, -4.8150, -25.9502



29.0781, 12.9581, 13.2286

Square

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



29.0781, -4.8146, -25.9496



29.0781, 22.2919, -1.7729



29.0781, 1.8588, 15.2268



29.0781, -19.5582, 4.5809

Rectangle

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



29.0776, -4.8150, -25.9502



29.0781, 13.5502, -17.9962



29.0781, 1.8588, 15.2268



29.0781, -14.0902, 13.0186

Sweetspot

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



29.0781, -4.8146, -25.9496



54.6706, -9.0821, -8.1734



40.5121, -33.1571, 20.9417



25.8996, -4.5942, -4.6159



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



29.0781, -4.8146, -25.9496



38.5322, -5.8527, -35.5275



14.8555, 26.6440, -76.0804



22.4105, -1.9952, 0.0151



28.8563, -4.7882, -25.7316



2.0579, -0.7952, -0.8556

Inverse Universe

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



23.4816, 43.1391, -7.5431



31.3747, 57.5630, -9.4386



39.7479, -2.8837, 24.4412



21.7645, 1.2227, 0.1895



23.2971, 42.8061, -7.4971



1.4201, 2.6932, -1.1081

Previews

White Background



This preview shows how the HunterLab color 29.0776, -4.8150, -25.9502 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 29.0776, -4.8150, -25.9502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

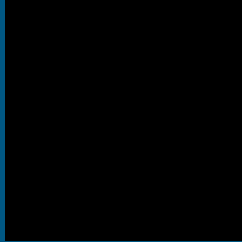
Any Text WCAG AA × Fail

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 29.0776, -4.8150, -25.9502 Background



This preview shows how black text looks on a background with the HunterLab color 29.0776, -4.8150, -25.9502.



This preview shows how white text looks on a background with the HunterLab color 29.0776, -4.8150, -25.9502.

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

29.0776, -4.8150, -25.9502

Protanopia

29.2395, 3.4996, -21.9464

Deuteranopia

29.0816, 2.2021, -26.5468



Tritanopia

28.9206, -13.9138, -6.1123

Trichromacy



Original Color

29.0776, -4.8150, -25.9502

Protanomaly

28.7006, -0.8170, -24.5172

Deuteranomaly

28.8906, -1.1624, -27.0177

Tritanomaly

29.0484, -11.0733, -12.4040

Monochromacy



Original Color

29.0776, -4.8150, -25.9502

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.7548, -5.4711, -8.0094

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0776, -4.8150, -25.9502 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, 87, 131)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 131)  
}
```

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, 87, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0776, -4.8150, -25.9502 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, 87, 131) }
```


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

```
.border{ border-color:rgb(0, 87, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 87, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 131);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 131)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.0776, -4.8150, -25.9502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 131) }
```

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

```
.background{ background-color: rgb(0, 87,  
131) }
```

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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