

Converting Colors

HunterLab(25.8039, -17.9424,
-35.0608)

Have a look what the booklet for
HunterLab(25.8039, -17.9424,
-35.0608) contains.

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Color

**HunterLab(29.1716, -4.2903,
-27.2004)**

Conversions

Conversions Part 1

Format	Color
Hex	005785
RGB	0, 87, 133
RGB Percent	0%, 34%, 52%
CMY	0.9999, 0.6588, 0.4784
CMYK	1.00, 0.35, 0.00, 0.48
HSL	201°, 100%, 26%
HSV	201°, 100%, 52%
XYZ	7.6418, 8.5098, 23.4300
YIQ	66.2310, -66.6180, -4.1380

Conversions

Conversions Part 2

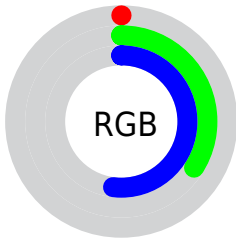
Format	Color
RYB	0, 53, 133
Decimal	22405
CIELab	35.02, -4.12, -31.88
CIELCh	35, 32.143, 262.630
Yxy	8.5101, 0.1931, 0.2150
Android (android.graphics.Color)	4278212485 (0xFF005785)
YUV	66.2310, 32.9171, -58.0846
Hunter-Lab	29.1716, -4.2903, -27.2004

Details

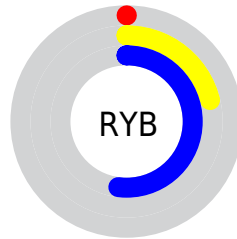
The HunterLab color **29.1716, -4.2903, -27.2004** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **26.3477, 26.0480, 16.6901**, and the grayscale version is **23.3291, -1.2448, 1.2675**.

A 20% lighter version of the original color is **48.0169, -6.1473, -27.8805**, and **15.1012, 1.8150, -22.7933** is the 20% darker color. If you saturate the color by 10%, you get **29.1701, -4.2878, -27.2039**, and if you desaturate by 10%, it is **30.6053, -5.7514, -24.2301**.

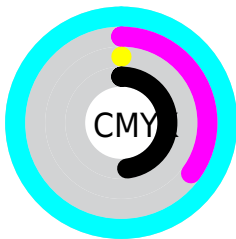
Distribution



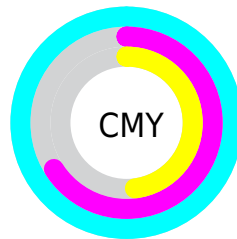
- Red (0%)
- Green (34%)
- Blue (52%)



- Red (0%)
- Yellow (21%)
- Blue (52%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (66%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1716, -4.2903, -27.2004 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 29.1716, -4.2903, -27.2004 by changing the saturation by 10% instead.

■ 29.1716, -4.2903,
-27.2004

■ 29.1716, -4.2903,
-27.2004

134.0448,
-11.7559, -31.3971

■ 21.0310, -3.5615,
-26.7292

■ 47.9088, -5.7990,
-28.3802

■ 13.8308, -2.8430,
-26.6152

■ 58.3752, -6.5844,
-28.9563

■ 7.4574, -2.8075,
-28.9928

■ 69.5093, -7.3915,
-29.4914

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 81.2729, -8.2207,
-29.9775

0.0000, NaN, NaN

■ 93.6343, -9.0719,
-30.4113

0.0000, NaN, NaN

■ 106.5656, -9.9450,

0.0000, NaN, NaN

-30.7920

0.0000, NaN, NaN

120.0429,
-10.8397, -31.1202

■ 29.1716, -4.2903,
-27.2004

■ 29.1716, -4.2903,
-27.2004

■ 29.1701, -4.2878,
-27.2039

■ 30.6053, -5.7514,
-24.2301

■ 32.1309, -6.9141,
-21.2693

■ 33.7817, -7.6519,
-18.2642

■ 35.5552, -7.9712,
-15.2342

■ 37.4466, -7.8922,
-12.1984

■ 39.4493, -7.4432,
-9.1728

■ 41.5563, -6.6560,
-6.1697

■ 43.7606, -5.5628,
-3.1975

■ 46.0553, -4.1950,
-0.2615

Harmonies

Analogous

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



29.1721, -13.5957, -20.0434



29.1716, -4.2903, -27.2004



29.1721, 7.2704, -24.6145

Triad

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



29.1721, -4.2898, -27.1998



29.1721, 21.2955, 8.4667



29.1721, -16.8789, 11.5442

Complementary

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



29.1716, -4.2903, -27.2004



26.3477, 26.0480, 16.6901

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.



29.1721, -9.4475, 14.9383



29.1716, -4.2903, -27.2004



29.1721, 12.8163, 13.6910

Square

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



29.1721, -4.2898, -27.1998



29.1721, 23.2337, -1.1861



29.1721, 1.2780, 15.5382



29.1721, -20.1109, 4.1137

Rectangle

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



29.1716, -4.2903, -27.2004



29.1721, 14.6419, -18.0491



29.1721, 1.2780, 15.5382



29.1721, -14.8485, 13.0589

Sweetspot

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



29.1721, -4.2898, -27.1998



55.4104, -8.9941, -8.5346



41.1822, -33.7140, 21.3062



25.8165, -4.4661, -4.7309



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.



29.1721, -4.2898, -27.1998



38.6481, -5.1276, -37.2377



15.0810, 27.1579, -77.4717



22.3939, -1.9681, -0.0050



28.4960, -4.2270, -26.4928



2.0444, -0.7773, -0.8775

Inverse Universe

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



23.8225, 43.6809, -6.9977



31.8302, 58.2856, -8.6977



40.3979, -2.9172, 24.8411



21.7628, 1.2134, 0.2141



23.2523, 42.6453, -6.8741



1.4181, 2.6863, -1.0817

Previews

White Background



This preview shows how the HunterLab color 29.1716, -4.2903, -27.2004 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 29.1716, -4.2903, -27.2004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

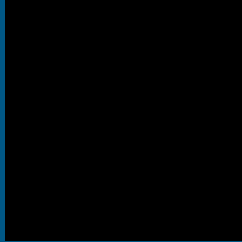
Any Text WCAG AA × Fail

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 29.1716, -4.2903, -27.2004 Background



This preview shows how black text looks on a background with the HunterLab color 29.1716, -4.2903, -27.2004.



This preview shows how white text looks on a background with the HunterLab color 29.1716, -4.2903, -27.2004.

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

29.1716, -4.2903, -27.2004

Protanopia

29.3285, 3.9714, -23.1433

Deuteranopia

29.3454, 1.9396, -27.4525



Tritanopia

29.2167, -14.2780, -5.6962

Trichromacy



Original Color

29.1716, -4.2903, -27.2004

Protanomaly

28.7932, -0.3133, -25.7511

Deuteranomaly

28.9291, -0.8379, -28.4134

Tritanomaly

29.0861, -10.8546, -12.9231

Monochromacy



Original Color

29.1716, -4.2903, -27.2004

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 29.1716, -4.2903, -27.2004 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1716, -4.2903, -27.2004 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, 133) }
```


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

```
.border{ border-color:rgb(0, 87, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 133)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.1716, -4.2903, -27.2004 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, 133) }
```

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

```
.background{ background-color: rgb(0, 87,  
133) }
```

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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