

Converting Colors

HunterLab(18.3716, 5.7286,
-189.7589)

Have a look what the booklet for
HunterLab(18.3716, 5.7286,
-189.7589) contains.

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Color

**HunterLab(29.0177, 33.5985,
-108.7991)**

Conversions

Conversions Part 1

Format	Color
Hex	0040D4
RGB	0, 64, 212
RGB Percent	0%, 25%, 83%
CMY	0.9998, 0.7490, 0.1686
CMYK	1.00, 0.70, 0.00, 0.17
HSL	222°, 100%, 42%
HSV	222°, 100%, 83%
XYZ	13.7171, 8.4203, 63.1897
YIQ	61.7360, -85.6520, 32.4600

Conversions

Conversions Part 2

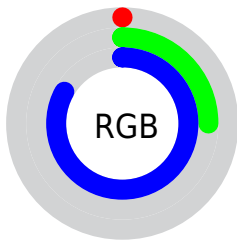
Format	Color
RYB	0, 49, 212
Decimal	16596
CIELab	34.84, 43.12, -79.16
CIELCh	35, 90.144, 298.576
Yxy	8.4204, 0.1608, 0.0987
Android (android.graphics.Color)	4278206676 (0xFF0040D4)
YUV	61.7360, 74.0802, -54.1425
Hunter-Lab	29.0177, 33.5985, -108.7991

Details

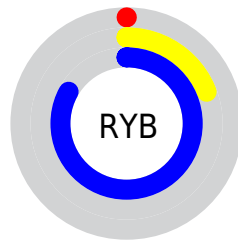
The HunterLab color **29.0177, 33.5985, -108.7991** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **59.3242, 9.7682, 36.7249**, and the grayscale version is **21.6346, -1.1544, 1.1754**.

A 20% lighter version of the original color is **46.6384, 31.4919, -90.9823**, and **17.2456, 34.9002, -96.8951** is the 20% darker color. If you saturate the color by 10%, you get **29.0105, 33.6194, -108.8353**, and if you desaturate by 10%, it is **32.3714, 25.9518, -93.6818**.

Distribution



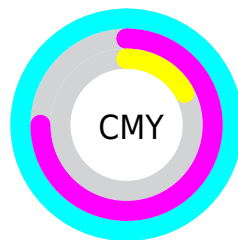
- Red (0%)
- Green (25%)
- Blue (83%)



- Red (0%)
- Yellow (19%)
- Blue (83%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (75%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0177, 33.5985, -108.7991 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 29.0177, 33.5985, -108.7991 by changing the saturation by 10% instead.

■ 29.0177, 33.5985,
-108.7991

■ 29.0177, 33.5985,
-108.7991

■ 133.7883, 44.7352,
-107.7150

■ 20.8928, 31.8285,
-114.6459

■ 47.7269, 36.8234,
-104.5234

■ 13.7107, 30.0347,
-126.8238

■ 58.1809, 38.2557,
-104.0553

■ 7.3226, 30.7539,
-162.9149

■ 69.3033, 39.5750,
-104.1294

0.0000, INF, -NF

■ 81.0559, 40.7889,
-104.5440

0.0000, NaN, -NF

■ 93.4068, 41.9052,
-105.1761

0.0000, NaN, -NF

■ 106.3281, 42.9309,

0.0000, NaN, -NF

-105.9471

0.0000, NaN, NaN

119.7957, 43.8723,
-106.8051

■ 29.0177, 33.5985,
-108.7991

■ 29.0177, 33.5985,
-108.7991

■ 29.0105, 33.6194,
-108.8353

■ 32.3714, 25.9518,
-93.6818

■ 36.3190, 19.1320,
-78.9687

■ 40.7964, 13.4067,
-65.1503

■ 45.7129, 8.7429,
-52.4666

■ 50.9927, 5.0120,
-40.9136

■ 56.5761, 2.0648,
-30.3775

■ 62.4166, -0.2369,
-20.7109

■ 68.4779, -2.0100,
-11.7698

■ 74.7318, -3.3495,
-3.4265

Harmonies

Analogous

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



29.0179, -3.0442, -135.9361



29.0177, 33.5985, -108.7991



29.0179, 70.6162, -47.5915

Triad

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



29.0179, 33.6010, -108.7986



29.0179, 37.4019, 20.3125



29.0179, -40.7319, 2.9793

Complementary

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



29.0177, 33.5985, -108.7991



59.3242, 9.7682, 36.7249

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.



29.0179, -37.3235, 18.4445



29.0177, 33.5985, -108.7991



29.0179, -0.0246, 20.3125

Square

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



29.0179, 33.6010, -108.7986



29.0179, 73.3927, 17.8548



29.0179, -25.2663, 20.3125



29.0179, -37.9495, -41.8892

Rectangle

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



29.0177, 33.5985, -108.7991



29.0179, 85.2326, -12.3567



29.0179, -25.2663, 20.3125



29.0179, -40.3156, 10.8529

Sweetspot

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



29.0179, 33.6010, -108.7986



76.6739, -0.2067, -25.9153



70.0916, -49.7082, 19.7000



34.0394, 0.4277, -14.2891

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



29.0179, 33.6010, -108.7986



35.3820, 42.5089, -135.9889



22.7687, 59.8564, -147.1204



35.5155, -1.6140, -1.4112



23.1308, 25.4573, -83.8664



6.8328, 3.3886, -15.8555

Inverse Universe

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



37.9056, 65.8836, 16.9242



46.6850, 81.0953, 21.2849



74.8250, -33.5911, 45.5176



35.3297, 1.7118, 1.7276



29.8077, 51.8647, 12.9190



7.4192, 13.1001, 1.7367

Previews

White Background



This preview shows how the HunterLab color 29.0177, 33.5985, -108.7991 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 29.0177, 33.5985, -108.7991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

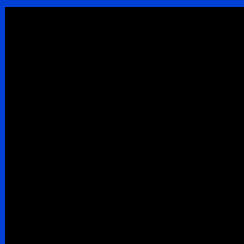
Any Text WCAG AA × Fail

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 29.0177, 33.5985, -108.7991 Background



This preview shows how black text looks on a background with the HunterLab color 29.0177, 33.5985, -108.7991.



This preview shows how white text looks on a background with the HunterLab color 29.0177, 33.5985, -108.7991.

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

29.0177, 33.5985, -108.7991

Protanopia

28.8880, 9.2526, -56.0810

Deuteranopia

28.7987, -0.4848, -34.9494



Tritanopia

28.8560, -14.2957, -5.2071

Trichromacy



Original Color

29.0177, 33.5985, -108.7991

Protanomaly

28.8383, 17.5950, -74.0279

Deuteranomaly

28.4566, 10.6005, -58.4516

Tritanomaly

27.7846, -0.2479, -34.1931

Monochromacy



Original Color

29.0177, 33.5985, -108.7991

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

22.9580, 5.1139, -29.2270

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0177, 33.5985, -108.7991 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, 64, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 212)  
}
```

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, 64, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0177, 33.5985, -108.7991 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, 64, 212) }
```


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

```
.border{ border-color:rgb(0, 64, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 64, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 64, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 64, 212)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.0177, 33.5985, -108.7991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 212) }
```

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

```
.background{ background-color: rgb(0, 64,  
212) }
```

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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