

Converting Colors

HunterLab(29.4019, 12.5368,
-69.6034)

Have a look what the booklet for
HunterLab(29.4019, 12.5368,
-69.6034) contains.

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Color

**HunterLab(29.8800, 14.2380,
-68.0832)**

Conversions

Conversions Part 1

Format	Color
Hex	004FB5
RGB	0, 79, 181
RGB Percent	0%, 31%, 71%
CMY	0.9999, 0.6902, 0.2902
CMYK	1.00, 0.56, 0.00, 0.29
HSL	214°, 100%, 35%
HSV	214°, 100%, 71%
XYZ	11.1365, 8.9281, 44.8524
YIQ	67.0070, -79.8260, 14.9740

Conversions

Conversions Part 2

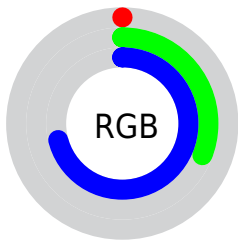
Format	Color
RYB	0, 55, 181
Decimal	20405
CIELab	35.85, 21.19, -59.42
CIELCh	36, 63.090, 289.630
Yxy	8.9284, 0.1716, 0.1375
Android (android.graphics.Color)	4278210485 (0xFF004FB5)
YUV	67.0070, 56.1985, -58.7651
Hunter-Lab	29.8800, 14.2380, -68.0832

Details

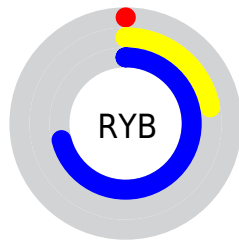
The HunterLab color **29.8800, 14.2380, -68.0832** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **43.9700, 19.7161, 27.4379**, and the grayscale version is **23.5267, -1.2553, 1.2783**.

A 20% lighter version of the original color is **48.6610, 15.8524, -68.2952**, and **16.7154, 18.3927, -60.5975** is the 20% darker color. If you saturate the color by 10%, you get **29.8752, 14.2487, -68.1003**, and if you desaturate by 10%, it is **32.6259, 9.5522, -59.1730**.

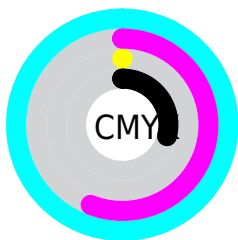
Distribution



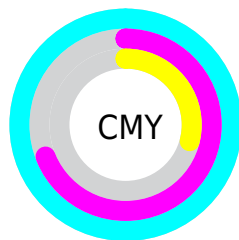
- Red (0%)
- Green (31%)
- Blue (71%)



- Red (0%)
- Yellow (22%)
- Blue (71%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (69%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8800, 14.2380, -68.0832 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 29.8800, 14.2380, -68.0832 by changing the saturation by 10% instead.

■ 29.8800, 14.2380,
-68.0832

■ 29.8800, 14.2380,
-68.0832

■ 135.2193, 17.4727,
-72.9831

■ 21.6667, 13.3837,
-69.6612

■ 48.7435, 15.5650,
-67.8297

■ 14.3845, 12.3717,
-73.7674

■ 59.2665, 16.0681,
-68.3188

■ 8.0448, 11.8218,
-86.1676

■ 70.4536, 16.4814,
-68.9839

0.0000, INF, -NF

0.0000, NaN, -NF

■ 82.2676, 16.8141,
-69.7435

0.0000, NaN, -NF

■ 94.6768, 17.0739,
-70.5485

0.0000, NaN, -NF

■ 107.6539, 17.2669,

0.0000, NaN, NaN

-71.3686

0.0000, NaN, NaN

121.1751, 17.3984,
-72.1843

■ 29.8800, 14.2380,
-68.0832

■ 29.8800, 14.2380,
-68.0832

■ 29.8752, 14.2487,
-68.1003

■ 32.6259, 9.5522,
-59.1730

■ 35.6594, 5.5560,
-50.6156

■ 38.9830, 2.3563,
-42.4265

■ 42.5646, -0.0976,
-34.6677

■ 46.3731, -1.8856,
-27.3512

■ 50.3810, -3.0941,
-20.4563

■ 54.5646, -3.8050,
-13.9463

■ 58.9039, -4.0909,
-7.7781

■ 63.3822, -4.0138,
-1.9082

Harmonies

Analogous

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



29.8803, -8.9382, -72.8967



29.8800, 14.2380, -68.0832



29.8803, 38.6559, -38.7649

Triad

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



29.8803, 14.2394, -68.0824



29.8803, 31.6092, 19.0106



29.8803, -33.1871, 8.0838

Complementary

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



29.8800, 14.2380, -68.0832



43.9700, 19.7161, 27.4379

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.



29.8803, -27.7761, 17.8304



29.8800, 14.2380, -68.0832



29.8803, 6.5317, 20.9162

Square

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



29.8803, 14.2394, -68.0824



29.8803, 50.5502, 12.3514



29.8803, -14.6953, 20.5860



29.8803, -32.2358, -15.6053

Rectangle

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



29.8800, 14.2380, -68.0832



29.8803, 50.2468, -16.3686



29.8803, -14.6953, 20.5860



29.8803, -32.1335, 12.6365

Sweetspot

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



29.8803, 14.2394, -68.0824



72.7256, -5.0575, -19.1056



58.2751, -44.3846, 22.9770



32.7210, -2.1965, -10.5388



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



29.8803, 14.2394, -68.0824



39.4340, 20.2783, -93.0640



18.4271, 49.6508, -128.4350



29.6983, -1.8639, -0.7112



25.0718, 11.2495, -55.6220



5.6092, -0.2042, -6.5701

Inverse Universe

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



32.2321, 56.9437, 7.2514



43.0822, 76.0233, 10.4465



64.6631, -20.6109, 39.4834



29.2657, 1.5148, 0.9760



26.7856, 47.3735, 5.6631



4.8738, 8.8484, -0.7405

Previews

White Background



This preview shows how the HunterLab color 29.8800, 14.2380, -68.0832 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 29.8800, 14.2380, -68.0832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

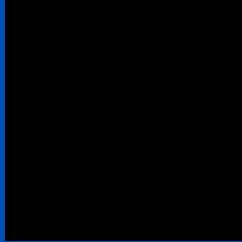
Any Text WCAG AA × Fail

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 29.8800, 14.2380, -68.0832 Background



This preview shows how black text looks on a background with the HunterLab color 29.8800, 14.2380, -68.0832.



This preview shows how white text looks on a background with the HunterLab color 29.8800, 14.2380, -68.0832.

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

29.8800, 14.2380, -68.0832

Protanopia

29.8362, 10.5164, -59.9946

Deuteranopia

29.9241, -0.1517, -37.0749



Tritanopia

29.8434, -14.8143, -5.3219

Trichromacy



Original Color

29.8800, 14.2380, -68.0832

Protanomaly

29.7858, 12.0286, -63.1960

Deuteranomaly

29.7972, 4.8575, -47.7298

Tritanomaly

29.5461, -6.1848, -23.5788

Monochromacy



Original Color

29.8800, 14.2380, -68.0832

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.7038, -0.1939, -18.8312

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8800, 14.2380, -68.0832 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, 79, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 181)  
}
```

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, 79, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8800, 14.2380, -68.0832 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, 79, 181) }
```


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

```
.border{ border-color:rgb(0, 79, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 79, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 79, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 79, 181)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.8800, 14.2380, -68.0832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 181) }
```

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

```
.background{ background-color: rgb(0, 79,  
181) }
```

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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