

Converting Colors

HunterLab(29.4798, 15.1466,
-69.5458)

Have a look what the booklet for
HunterLab(29.4798, 15.1466,
-69.5458) contains.

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Color

**HunterLab(29.4006, 15.2991,
-69.7746)**

Conversions

Conversions Part 1

Format	Color
Hex	004DB5
RGB	0, 77, 181
RGB Percent	0%, 30%, 71%
CMY	0.9999, 0.6980, 0.2902
CMYK	1.00, 0.57, 0.00, 0.29
HSL	214°, 100%, 35%
HSV	214°, 100%, 71%
XYZ	10.9944, 8.6440, 44.8051
YIQ	65.8330, -79.2760, 16.0200

Conversions

Conversions Part 2

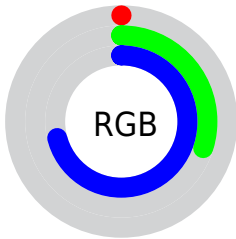
Format	Color
RYB	0, 54, 181
Decimal	19893
CIELab	35.29, 22.55, -60.33
CIELCh	35, 64.405, 290.492
Yxy	8.6442, 0.1706, 0.1341
Android (android.graphics.Color)	4278209973 (0xFF004DB5)
YUV	65.8330, 56.7773, -57.7355
Hunter-Lab	29.4006, 15.2991, -69.7746

Details

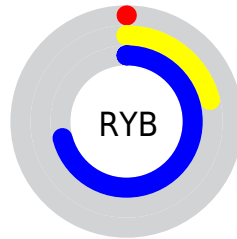
The HunterLab color **29.4006, 15.2991, -69.7746** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **44.4204, 18.7478, 27.6985**, and the grayscale version is **23.1138, -1.2333, 1.2558**.

A 20% lighter version of the original color is **48.1326, 16.9377, -69.6839**, and **16.5359, 18.9019, -61.4723** is the 20% darker color. If you saturate the color by 10%, you get **29.3958, 15.3101, -69.7923**, and if you desaturate by 10%, it is **32.1679, 10.4792, -60.5701**.

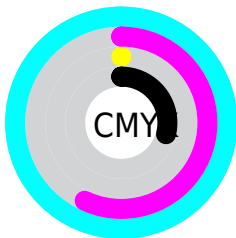
Distribution



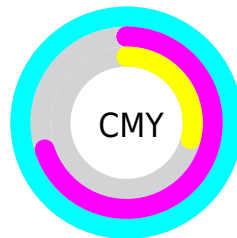
- Red (0%)
- Green (30%)
- Blue (71%)



- Red (0%)
- Yellow (21%)
- Blue (71%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (70%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.4006, 15.2991, -69.7746 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 29.4006, 15.2991, -69.7746 by changing the saturation by 10% instead.

■ 29.4006, 15.2991,
-69.7746

■ 29.4006, 15.2991,
-69.7746

■ 134.4249, 19.0997,
-74.4426

■ 21.2363, 14.3669,
-71.5786

■ 48.1787, 16.7719,
-69.3319

■ 14.0094, 13.2757,
-76.1565

■ 58.6635, 17.3428,
-69.7826

■ 7.6526, 13.1020,
-90.9903

■ 69.8148, 17.8208,
-70.4276

0.0000, INF, -NF

■ 81.5948, 18.2155,
-71.1786

0.0000, NaN, -NF

■ 93.9716, 18.5348,
-71.9831

0.0000, NaN, -NF

■ 106.9178, 18.7851,

0.0000, NaN, NaN

-72.8080

0.0000, NaN, NaN

120.4093, 18.9719,
-73.6324

■ 29.4006, 15.2991,
-69.7746

■ 29.4006, 15.2991,
-69.7746

■ 29.3958, 15.3101,
-69.7923

■ 32.1679, 10.4792,
-60.5701

■ 35.2338, 6.3573,
-51.7417

■ 38.5984, 3.0426,
-43.3140

■ 42.2271, 0.4829,
-35.3524

■ 46.0869, -1.4048,
-27.8664

■ 50.1489, -2.7094,
-20.8307

■ 54.3888, -3.5152,
-14.2032

■ 58.7858, -3.8963,
-7.9359

■ 63.3228, -3.9156,
-1.9815

Harmonies

Analogous

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



29.4009, -8.4305, -75.7135



29.4006, 15.2991, -69.7746



29.4009, 40.1909, -38.8944

Triad

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



29.4009, 15.3006, -69.7738



29.4009, 31.6215, 19.0081



29.4009, -33.3957, 7.6595

Complementary

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



29.4006, 15.2991, -69.7746



44.4204, 18.7478, 27.6985

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.



29.4009, -28.2116, 17.6470



29.4006, 15.2991, -69.7746



29.4009, 5.9828, 20.5807

Square

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



29.4009, 15.3006, -69.7738



29.4009, 51.4229, 12.7313



29.4009, -15.3283, 20.5080



29.4009, -32.2763, -16.9336

Rectangle

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



29.4006, 15.2991, -69.7746



29.4009, 51.8384, -15.8892



29.4009, -15.3283, 20.5080



29.4009, -32.4114, 12.3538

Sweetspot

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



29.4009, 15.3006, -69.7738



72.4863, -4.6631, -19.4569



58.3259, -44.0708, 22.2360



32.5951, -1.9887, -10.7311



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.



29.4009, 15.3006, -69.7738



38.7897, 21.7292, -95.3908



18.4820, 49.6911, -127.9827



29.6725, -1.8212, -0.7429



24.6752, 12.1160, -56.9968



5.5513, -0.1065, -6.7087

Inverse Universe

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



32.1876, 56.7807, 7.8948



43.0232, 75.8069, 11.3010



64.4018, -21.5914, 39.3052



29.2630, 1.5005, 1.0137



26.7484, 47.2374, 6.2001



4.8671, 8.8242, -0.6462

Previews

White Background



This preview shows how the HunterLab color 29.4006, 15.2991, -69.7746 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 29.4006, 15.2991, -69.7746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

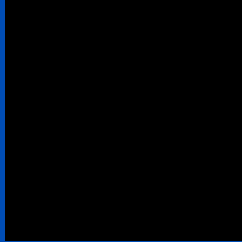
Any Text WCAG AA × Fail

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 29.4006, 15.2991, -69.7746 Background



This preview shows how black text looks on a background with the HunterLab color 29.4006, 15.2991, -69.7746.



This preview shows how white text looks on a background with the HunterLab color 29.4006, 15.2991, -69.7746.

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

29.4006, 15.2991, -69.7746

Protanopia

29.3932, 10.0455, -58.4242

Deuteranopia

29.2785, 0.1986, -37.0243



Tritanopia

29.2167, -14.2780, -5.6962

Trichromacy



Original Color

29.4006, 15.2991, -69.7746

Protanomaly

29.4074, 11.8823, -62.4071

Deuteranomaly

29.2195, 5.5281, -48.4554

Tritanomaly

28.9394, -5.5896, -24.1055

Monochromacy



Original Color

29.4006, 15.2991, -69.7746

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.4034, 0.0971, -19.4303

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4006, 15.2991, -69.7746 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, 77, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 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, 77, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 29.4006, 15.2991, -69.7746 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, 77, 181) }
```


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

```
.border{ border-color:rgb(0, 77, 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, 77, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 77, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 77, 181)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.4006, 15.2991, -69.7746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 77, 181) }
```

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

```
.background{ background-color: rgb(0, 77,  
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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