

Converting Colors

HunterLab(28.9498, 11.9063,
-61.8871)

Have a look what the booklet for
HunterLab(28.9498, 11.9063,
-61.8871) contains.

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Color

**HunterLab(29.0299, 11.7362,
-61.6199)**

Conversions

Conversions Part 1

Format	Color
Hex	004EAC
RGB	0, 78, 172
RGB Percent	0%, 31%, 67%
CMY	0.9999, 0.6941, 0.3255
CMYK	1.00, 0.55, 0.00, 0.33
HSL	213°, 100%, 34%
HSV	213°, 100%, 67%
XYZ	10.1708, 8.4274, 40.1203
YIQ	65.3940, -76.6620, 12.6980

Conversions

Conversions Part 2

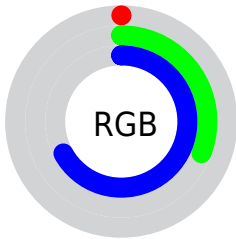
Format	Color
RYB	0, 54, 172
Decimal	20140
CIELab	34.86, 18.17, -55.70
CIELCh	35, 58.585, 288.065
Yxy	8.4276, 0.1732, 0.1435
Android (android.graphics.Color)	4278210220 (0xFF004EAC)
YUV	65.3940, 52.5568, -57.3505
Hunter-Lab	29.0299, 11.7362, -61.6199

Details

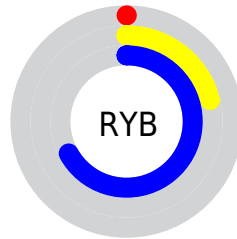
The HunterLab color **29.0299, 11.7362, -61.6199** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **40.9658, 19.8965, 25.5899**, and the grayscale version is **22.9738, -1.2258, 1.2482**.

A 20% lighter version of the original color is **47.6412, 12.8481, -61.7645**, and **15.9185, 16.2204, -54.9118** is the 20% darker color. If you saturate the color by 10%, you get **29.0257, 11.7454, -61.6345**, and if you desaturate by 10%, it is **31.5936, 7.5527, -53.6455**.

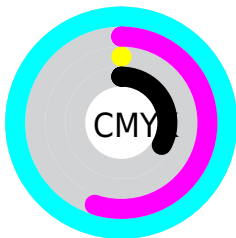
Distribution



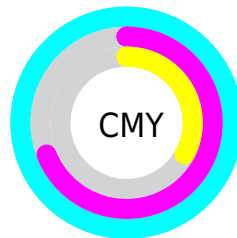
- Red (0%)
- Green (31%)
- Blue (67%)



- Red (0%)
- Yellow (21%)
- Blue (67%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (69%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0299, 11.7362, -61.6199 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 29.0299, 11.7362, -61.6199 by changing the saturation by 10% instead.

■ 29.0299, 11.7362,
-61.6199

■ 29.0299, 11.7362,
-61.6199

■ 133.8089, 13.8477,
-66.8221

■ 20.9039, 11.0301,
-62.8498

■ 47.7414, 12.7806,
-61.6932

■ 13.7203, 10.1675,
-66.3550

■ 58.1965, 13.1504,
-62.2482

■ 7.3335, 10.5276,
-79.6030

■ 69.3198, 13.4354,
-62.9428

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 81.0733, 13.6445,
-63.7063

0.0000, NaN, -NF

■ 93.4250, 13.7849,
-64.4972

0.0000, NaN, NaN

■ 106.3471, 13.8624,

0.0000, NaN, NaN

-65.2898

0.0000, NaN, NaN

119.8155, 13.8819,
-66.0682

■ 29.0299, 11.7362,
-61.6199

■ 29.0299, 11.7362,
-61.6199

■ 29.0257, 11.7454,
-61.6345

■ 31.5936, 7.5527,
-53.6455

■ 34.4081, 3.9945,
-45.9821

■ 37.4825, 1.1672,
-38.6209

■ 40.7898, -0.9751,
-31.6147

■ 44.3035, -2.5031,
-24.9768

■ 47.9998, -3.4937,
-18.6942

■ 51.8579, -4.0202,
-12.7395

■ 55.8598, -4.1482,
-7.0787

■ 59.9907, -3.9341,
-1.6770

Harmonies

Analogous

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



29.0303, -9.2737, -64.4307



29.0299, 11.7362, -61.6199



29.0303, 34.0520, -36.4003

Triad

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



29.0303, 11.7375, -61.6191



29.0303, 29.8326, 17.9364



29.0303, -30.9637, 8.3246

Complementary

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



29.0299, 11.7362, -61.6199



40.9658, 19.8965, 25.5899

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.



29.0303, -25.4729, 17.1432



29.0299, 11.7362, -61.6199



29.0303, 7.0753, 19.9241

Square

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



29.0303, 11.7375, -61.6191



29.0303, 46.3373, 10.9820



29.0303, -12.8089, 19.6926



29.0303, -30.3615, -12.6483

Rectangle

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



29.0299, 11.7362, -61.6199



29.0303, 44.9100, -16.2455



29.0303, -12.8089, 19.6926



29.0303, -29.8499, 12.4016

Sweetspot

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



29.0303, 11.7375, -61.6191



69.5531, -5.3902, -17.5939



55.0216, -42.1950, 22.3167



31.4284, -2.4048, -9.7051



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



29.0303, 11.7375, -61.6191



38.5425, 17.0002, -84.8734



17.3680, 46.8823, -121.7160



28.8667, -1.8720, -0.6334



25.2517, 9.6834, -52.4660



5.3626, -0.4936, -5.6374

Inverse Universe

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



30.5311, 54.0812, 5.7628



41.0676, 72.6527, 8.5270



61.3525, -18.5280, 37.4799



28.4139, 1.4787, 0.8936



26.3567, 46.7299, 4.6802



4.5208, 8.2465, -0.9893

Previews

White Background



This preview shows how the HunterLab color 29.0299, 11.7362, -61.6199 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 29.0299, 11.7362, -61.6199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

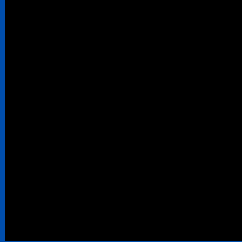
Any Text WCAG AA × Fail

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 29.0299, 11.7362, -61.6199 Background



This preview shows how black text looks on a background with the HunterLab color 29.0299, 11.7362, -61.6199.



This preview shows how white text looks on a background with the HunterLab color 29.0299, 11.7362, -61.6199.

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

29.0299, 11.7362, -61.6199

Protanopia

29.0157, 9.9034, -57.6457

Deuteranopia

28.9568, 0.3735, -36.9998



Tritanopia

28.8881, -14.1058, -5.6573

Trichromacy



Original Color

29.0299, 11.7362, -61.6199

Protanomaly

29.0801, 10.2305, -58.4324

Deuteranomaly

28.9847, 4.2941, -45.4981

Tritanomaly

28.4795, -6.1793, -22.2576

Monochromacy



Original Color

29.0299, 11.7362, -61.6199

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

24.1893, -0.9828, -17.2130

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0299, 11.7362, -61.6199 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, 78, 172)` looks like.

```
.text, #text, p{  
    color:rgb(0, 78, 172)  
}
```

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, 78, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 78, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0299, 11.7362, -61.6199 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, 78, 172) }
```


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

```
.border{ border-color:rgb(0, 78, 172) }
```

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

Here you see how a box with a 4 pixel rgb(0, 78, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 78, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 78, 172);  
box-shadow:4px 4px 4px 4px rgb(0, 78, 172)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.0299, 11.7362, -61.6199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 78, 172) }
```

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

```
.background{ background-color: rgb(0, 78,  
172) }
```

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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