

Converting Colors

HunterLab(29.1786, 18.4326,
-76.2614)

Have a look what the booklet for
HunterLab(29.1786, 18.4326,
-76.2614) contains.

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Color

**HunterLab(29.0564, 18.6418,
-76.5601)**

Conversions

Conversions Part 1

Format	Color
Hex	004ABA
RGB	0, 74, 186
RGB Percent	0%, 29%, 73%
CMY	0.9998, 0.7098, 0.2706
CMYK	1.00, 0.60, 0.00, 0.27
HSL	216°, 100%, 36%
HSV	216°, 100%, 73%
XYZ	11.3117, 8.4427, 47.4878
YIQ	64.6420, -80.0560, 19.1440

Conversions

Conversions Part 2

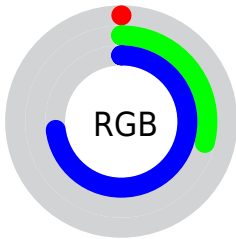
Format	Color
R _{YB}	0, 53, 186
Decimal	19130
CIE Lab	34.89, 26.60, -63.93
CIE LCh	35, 69.244, 292.589
Yxy	8.4429, 0.1682, 0.1256
Android (android.graphics.Color)	4278209210 (0xFF004ABA)
YUV	64.6420, 59.8295, -56.6910
Hunter-Lab	29.0564, 18.6418, -76.5601

Details

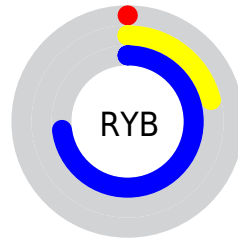
The HunterLab color **29.0564, 18.6418, -76.5601** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **46.9429, 16.8994, 29.2205**, and the grayscale version is **22.6885, -1.2106, 1.2327**.

A 20% lighter version of the original color is **47.7735, 20.4791, -75.4387**, and **16.4285, 22.1143, -68.2726** is the 20% darker color. If you saturate the color by 10%, you get **29.0509, 18.6549, -76.5817**, and if you desaturate by 10%, it is **31.9513, 13.2977, -66.2819**.

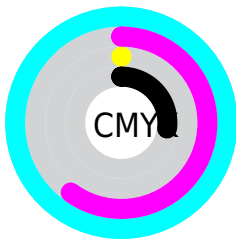
Distribution



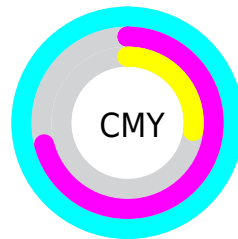
- Red (0%)
- Green (29%)
- Blue (73%)



- Red (0%)
- Yellow (21%)
- Blue (73%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (71%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0564, 18.6418, -76.5601 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 29.0564, 18.6418, -76.5601 by changing the saturation by 10% instead.

■ 29.0564, 18.6418,
-76.5601

■ 29.0564, 18.6418,
-76.5601

■ 133.8529, 24.0154,
-80.4747

■ 20.9276, 17.5049,
-79.0258

■ 47.7727, 20.5099,
-75.5256

■ 13.7409, 16.2145,
-84.8957

■ 58.2298, 21.2677,
-75.8483

■ 7.3568, 16.3990,
-104.3674

■ 69.3551, 21.9257,
-76.4226

0.0000, INF, -NF

■ 81.1106, 22.4937,
-77.1411

0.0000, NaN, -NF

■ 93.4640, 22.9803,
-77.9394

0.0000, NaN, -NF

■ 106.3879, 23.3923,

0.0000, NaN, NaN

-78.7770

0.0000, NaN, NaN

119.8579, 23.7357,
-79.6278

■ 29.0564, 18.6418,
-76.5601

■ 29.0564, 18.6418,
-76.5601

■ 29.0509, 18.6549,
-76.5817

■ 31.9513, 13.2977,
-66.2819

■ 35.1890, 8.6971,
-56.4360

■ 38.7604, 4.9597,
-47.0888

■ 42.6225, 2.0290,
-38.3213

■ 46.7362, -0.1877,
-30.1374

■ 51.0679, -1.7903,
-22.4976

■ 55.5895, -2.8718,
-15.3434

■ 60.2780, -3.5135,
-8.6117

■ 65.1146, -3.7836,
-2.2422

Harmonies

Analogous

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



29.0567, -7.3323, -85.9177



29.0564, 18.6418, -76.5601



29.0567, 45.6067, -40.4047

Triad

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



29.0567, 18.6434, -76.5594



29.0567, 32.5995, 19.6046



29.0567, -34.8681, 6.7470

Complementary

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



29.0564, 18.6418, -76.5601



46.9429, 16.8994, 29.2205

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.



29.0567, -30.1138, 17.6941



29.0564, 18.6418, -76.5601



29.0567, 4.7189, 20.3397

Square

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



29.0567, 18.6434, -76.5594



29.0567, 55.3378, 13.9920



29.0567, -17.3983, 20.3397



29.0567, -33.3142, -21.1715

Rectangle

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



29.0564, 18.6418, -76.5601



29.0567, 57.7617, -15.0932



29.0567, -17.3983, 20.3397



29.0567, -34.0284, 11.9797

Sweetspot

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



29.0567, 18.6434, -76.5594



74.5199, -3.8065, -21.1406



60.2325, -44.7652, 21.3521



33.7482, -1.5271, -11.8074



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



29.0567, 18.6434, -76.5594



38.5424, 26.4694, -105.3146



19.1855, 51.3224, -130.8408



30.4794, -1.7652, -0.8567



24.1158, 14.6285, -61.7214



5.7186, 0.3453, -7.8931

Inverse Universe

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



33.0672, 58.1172, 9.7773



44.4662, 78.0634, 13.8989



65.8617, -24.2457, 40.1582



30.1161, 1.5211, 1.1384



27.1467, 47.7653, 7.6525



5.2164, 9.4034, -0.2738

Previews

White Background



This preview shows how the HunterLab color 29.0564, 18.6418, -76.5601 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 29.0564, 18.6418, -76.5601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

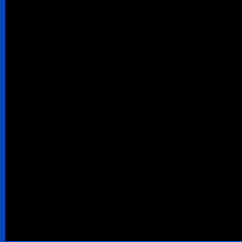
Any Text WCAG AA × Fail

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 29.0564, 18.6418, -76.5601 Background



This preview shows how black text looks on a background with the HunterLab color 29.0564, 18.6418, -76.5601.



This preview shows how white text looks on a background with the HunterLab color 29.0564, 18.6418, -76.5601.

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

29.0564, 18.6418, -76.5601

Protanopia

29.0157, 9.9034, -57.6457

Deuteranopia

28.9037, 0.0859, -36.3126



Tritanopia

28.8881, -14.1058, -5.6573

Trichromacy



Original Color

29.0564, 18.6418, -76.5601

Protanomaly

28.9878, 13.2614, -64.8597

Deuteranomaly

28.7063, 6.5149, -49.9442

Tritanomaly

28.4288, -4.4741, -25.8754

Monochromacy



Original Color

29.0564, 18.6418, -76.5601

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

23.8952, 1.0761, -21.1559

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0564, 18.6418, -76.5601 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, 74, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 186)  
}
```

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, 74, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0564, 18.6418, -76.5601 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, 74, 186) }
```


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

```
.border{ border-color:rgb(0, 74, 186) }
```

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

Here you see how a box with a 4 pixel rgb(0, 74, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 74, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 74, 186)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.0564, 18.6418, -76.5601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 74, 186) }
```

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

```
.background{ background-color: rgb(0, 74,  
186) }
```

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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