

Converting Colors

HunterLab(27.6375, 16.7656,
-70.7365)

Have a look what the booklet for
HunterLab(27.6375, 16.7656,
-70.7365) contains.

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Color

**HunterLab(27.6425, 16.7795,
-70.7728)**

Conversions

Conversions Part 1

Format	Color
Hex	0047B0
RGB	0, 71, 176
RGB Percent	0%, 28%, 69%
CMY	0.9999, 0.7216, 0.3098
CMYK	1.00, 0.60, 0.00, 0.31
HSL	216°, 100%, 35%
HSV	216°, 100%, 69%
XYZ	10.0897, 7.6411, 42.0174
YIQ	61.7410, -76.0210, 17.6030

Conversions

Conversions Part 2

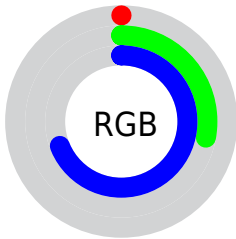
Format	Color
RYB	0, 51, 176
Decimal	18352
CIELab	33.22, 24.58, -60.74
CIELCh	33, 65.523, 292.029
Yxy	7.6412, 0.1689, 0.1279
Android (android.graphics.Color)	4278208432 (0xFF0047B0)
YUV	61.7410, 56.3297, -54.1469
Hunter-Lab	27.6425, 16.7795, -70.7728

Details

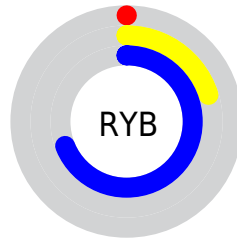
The HunterLab color **27.6425, 16.7795, -70.7728** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **43.9777, 16.2302, 27.3817**, and the grayscale version is **21.6919, -1.1574, 1.1786**.

A 20% lighter version of the original color is **46.2084, 18.4840, -70.1182**, and **15.1125, 20.2345, -62.5697** is the 20% darker color. If you saturate the color by 10%, you get **27.6378, 16.7906, -70.7909**, and if you desaturate by 10%, it is **30.3635, 11.8775, -61.2875**.

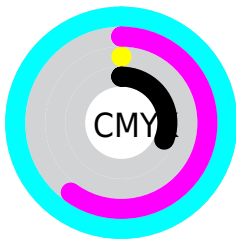
Distribution



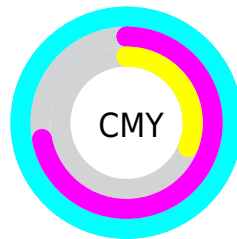
- Red (0%)
- Green (28%)
- Blue (69%)



- Red (0%)
- Yellow (20%)
- Blue (69%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (72%)
- Yellow (31%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.6425, 16.7795, -70.7728 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 27.6425, 16.7795, -70.7728 by changing the saturation by 10% instead.

■ 27.6425, 16.7795,
-70.7728

■ 27.6425, 16.7795,
-70.7728

■ 131.4878, 21.5225,
-74.9590

■ 19.6628, 15.7145,
-73.0459

■ 46.1000, 18.4993,
-69.9722

■ 12.6453, 14.4908,
-78.7210

■ 56.4417, 19.1840,
-70.3531

■ 5.9745, 17.7191,
-107.5894

■ 67.4586, 19.7699,
-70.9596

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 79.1116, 20.2675,
-71.6908

0.0000, NaN, -NF

■ 91.3675, 20.6851,
-72.4871

0.0000, NaN, NaN

■ 104.1982, 21.0297,

0.0000, NaN, NaN

-73.3116

0.0000, NaN, NaN

117.5788, 21.3072,
-74.1406

■ 27.6425, 16.7795,
-70.7728

■ 27.6425, 16.7795,
-70.7728

■ 27.6378, 16.7906,
-70.7909

■ 30.3635, 11.8775,
-61.2875

■ 33.3931, 7.6587,
-52.2179

■ 36.7280, 4.2392,
-43.6008

■ 40.3298, 1.5656,
-35.5065

■ 44.1630, -0.4475,
-27.9384

■ 48.1974, -1.8915,
-20.8619

■ 52.4075, -2.8516,
-14.2254

■ 56.7722, -3.4021,
-7.9729

■ 61.2743, -3.6060,
-2.0505

Harmonies

Analogous

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



27.6428, -7.2471, -78.7007



27.6425, 16.7795, -70.7728



27.6428, 41.7909, -37.9172

Triad

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



27.6428, 16.7810, -70.7721



27.6428, 30.6570, 18.5057



27.6428, -32.6876, 6.6444

Complementary

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



27.6425, 16.7795, -70.7728



43.9777, 16.2302, 27.3817

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.



27.6428, -28.0665, 16.7678



27.6425, 16.7795, -70.7728



27.6428, 4.8103, 19.3500

Square

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



27.6428, 16.7810, -70.7721



27.6428, 51.4310, 12.9515



27.6428, -15.9585, 19.3500



27.6428, -31.3236, -18.9207

Rectangle

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



27.6425, 16.7795, -70.7728



27.6428, 53.1824, -14.5263



27.6428, -15.9585, 19.3500



27.6428, -31.8541, 11.4605

Sweetspot

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



27.6428, 16.7810, -70.7721



70.2642, -3.7849, -19.6300



56.5897, -42.3872, 20.7718



31.6148, -1.5422, -10.8229



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



27.6428, 16.7810, -70.7721



36.6552, 23.9379, -97.4909



17.9844, 48.2175, -123.4867



29.6210, -1.7360, -0.8061



23.9019, 13.8556, -59.7856



5.4370, 0.0893, -6.9886

Inverse Universe

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



31.1220, 54.7532, 8.7793



41.8603, 73.5562, 12.5597



62.1796, -21.8560, 37.9312



29.2578, 1.4722, 1.0887



26.6774, 46.9775, 7.2267



4.8541, 8.7771, -0.4624

Previews

White Background



This preview shows how the HunterLab color 27.6425, 16.7795, -70.7728 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 27.6425, 16.7795, -70.7728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

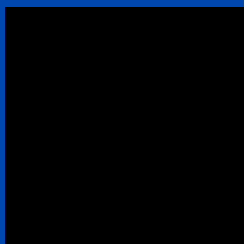
Any Text WCAG AA × Fail

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 27.6425, 16.7795, -70.7728 Background



This preview shows how black text looks on a background with the HunterLab color 27.6425, 16.7795, -70.7728.



This preview shows how white text looks on a background with the HunterLab color 27.6425, 16.7795, -70.7728.

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

27.6425, 16.7795, -70.7728

Protanopia

27.5140, 9.3386, -54.5495

Deuteranopia

27.4654, -0.0750, -34.1675



Tritanopia

27.5483, -13.6091, -5.0548

Trichromacy



Original Color

27.6425, 16.7795, -70.7728

Protanomaly

27.6600, 11.8161, -60.0801

Deuteranomaly

27.4629, 5.4958, -46.1902

Tritanomaly

27.0461, -4.3157, -24.4889

Monochromacy



Original Color

27.6425, 16.7795, -70.7728

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

22.7842, 0.6719, -19.3406

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.6425, 16.7795, -70.7728 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, 71, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 176)  
}
```

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, 71, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 27.6425, 16.7795, -70.7728 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, 71, 176) }
```


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

```
.border{ border-color:rgb(0, 71, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 71, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 71, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 71, 176)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.6425, 16.7795, -70.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 71, 176) }
```

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

```
.background{ background-color: rgb(0, 71,  
176) }
```

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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