

Converting Colors

HunterLab(18.0406, 46.5206,
-122.9737)

Have a look what the booklet for
HunterLab(18.0406, 46.5206,
-122.9737) contains.

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Color

**HunterLab(18.0689, 46.4384,
-122.8316)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0006B0 |
| RGB | 0, 6, 176 |
| RGB Percent | 0%, 2%, 69% |
| CMY | 0.9999, 0.9765, 0.3098 |
| CMYK | 1.00, 0.97, 0.00, 0.31 |
| HSL | 238°, 100%, 35% |
| HSV | 238°, 100%, 69% |
| XYZ | 7.9016, 3.2649, 41.2881 |
| YIQ | 23.5860, -58.1460, 51.5980 |

Conversions

Conversions Part 2

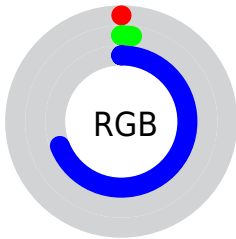
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 6, 176 |
| Decimal | 1712 |
| CIELab | 21.07, 58.42, -80.84 |
| CIELCh | 21, 99.738, 305.854 |
| Yxy | 3.2648, 0.1506, 0.0622 |
| Android (android.graphics.Color) | 4278191792 (0xFF0006B0) |
| YUV | 23.5860, 75.1401, -20.6849 |
| Hunter-Lab | 18.0689, 46.4384, -122.8316 |

Details

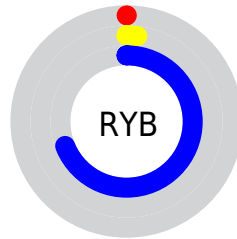
The HunterLab color **18.0689, 46.4384, -122.8316** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **61.6414, -14.3736, 37.7306**, and the grayscale version is **9.2275, -0.4924, 0.5013**.

A 20% lighter version of the original color is **34.5328, 50.5339, -110.1952**, and **11.8539, 32.1536, -84.2267** is the 20% darker color. If you saturate the color by 10%, you get **18.0663, 46.4497, -122.8529**, and if you desaturate by 10%, it is **19.6780, 41.6283, -110.9037**.

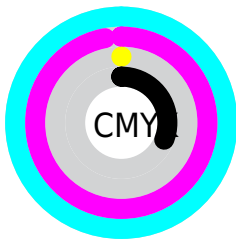
Distribution



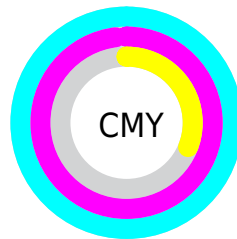
- Red (0%)
- Green (2%)
- Blue (69%)



- Red (0%)
- Yellow (2%)
- Blue (69%)



- Cyan (100%)
- Magenta (97%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (98%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0689, 46.4384, -122.8316 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 18.0689, 46.4384, -122.8316 by changing the saturation by 10% instead.

■ 18.0689, 46.4384,
-122.8316

■ 18.0689, 46.4384,
-122.8316

■ 114.6574, 62.9919,
-109.6398

■ 11.2761, 44.9089,
-140.5034

■ 34.5127, 50.5591,
-110.4909

■ 3.4494, 84.4975,
-311.3328

■ 43.9695, 52.6241,
-108.4376

0.0000, INF, -NF

0.0000, NaN, -NF

■ 54.1603, 54.6044,
-107.5487

0.0000, NaN, -NF

■ 65.0357, 56.4844,
-107.3569

0.0000, NaN, -NF

■ 76.5548, 58.2603,
-107.6001

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.6837, 59.9342,


-108.1216


0.0000, NaN, NaN


 101.3930, 61.5098,
-108.8230


 18.0689, 46.4384,
-122.8316


 18.0689, 46.4384,
-122.8316


 18.0663, 46.4497,
-122.8529

 19.6780, 41.6283,
-110.9037

 22.3908, 34.9268,
-94.3554

 26.1026, 27.8963,
-76.7248

 30.5800, 21.4514,
-60.4187

 35.6301, 15.8318,
-46.1175

■ 41.1154, 10.9745,
-33.7038

■ 46.9416, 6.7364,
-22.8365

■ 53.0434, 2.9786,
-13.1744

■ 59.3750, -0.4119,
-4.4363

Harmonies

Analogous

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



18.0689, 5.2696, -181.2631



18.0689, 46.4384, -122.8316



18.0689, 86.9032, -38.6412

Triad

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



18.0689, 46.4419, -122.8324



18.0689, 29.0193, 12.6482



18.0689, -31.6205, -5.5186

Complementary

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



18.0689, 46.4384, -122.8316



61.6414, -14.3736, 37.7306

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.



18.0689, -31.6205, 12.6482



18.0689, 46.4384, -122.8316



18.0689, -6.4545, 12.6482

Square

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



18.0689, 46.4419, -122.8324



18.0689, 73.0591, 12.6482



18.0689, -23.8019, 12.6482



18.0689, -29.2088, -69.1292

Rectangle

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



18.0689, 46.4384, -122.8316



18.0689, 99.3140, -3.4263



18.0689, -23.8019, 12.6482



18.0689, -31.6205, 4.5026

Sweetspot

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



18.0689, 46.4419, -122.8324



62.7799, 9.3645, -31.5055



58.1795, -32.7220, -2.0798



27.7056, 5.4176, -17.3820



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.



18.0689, 46.4419, -122.8324



24.1945, 63.1396, -166.5413



21.9249, 51.8350, -96.6577



28.7658, -0.2991, -1.8737



15.5316, 39.5459, -104.7813



3.0183, 5.9712, -16.6626

Inverse Universe

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



30.4040, 52.1047, 19.3116



40.9358, 70.1454, 26.1294



57.9501, -38.4659, 35.0342



29.1715, 1.0079, 2.3197



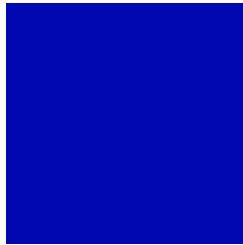
26.0454, 44.6472, 16.4922



4.6366, 7.9810, 2.6798

Previews

White Background



This preview shows how the HunterLab color 18.0689, 46.4384, -122.8316 looks on a white background.

Color Contrast Check

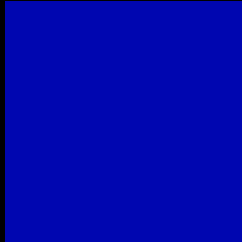
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0689, 46.4384, -122.8316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

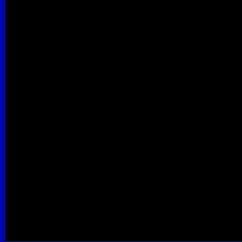
Any Text WCAG AA × Fail

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 18.0689, 46.4384, -122.8316 Background



This preview shows how black text looks on a background with the HunterLab color 18.0689, 46.4384, -122.8316.



This preview shows how white text looks on a background with the HunterLab color 18.0689, 46.4384, -122.8316.

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

18.0689, 46.4384, -122.8316

Protanopia

18.8114, 4.4167, -33.0470

Deuteranopia

18.6754, -1.5752, -19.9422



Tritanopia

18.6433, -9.3266, -3.1690

Trichromacy



Original Color

18.0689, 46.4384, -122.8316

Protanomaly

17.0162, 20.9372, -66.4663

Deuteranomaly

16.5175, 16.2062, -55.6299

Tritanomaly

15.8014, 8.5748, -38.2611

Monochromacy



Original Color

18.0689, 46.4384, -122.8316

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

10.3294, 13.1798, -35.8633

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0689, 46.4384, -122.8316 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, 6, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 6, 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, 6, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 6, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0689, 46.4384, -122.8316 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, 6, 176) }
```


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

```
.border{ border-color:rgb(0, 6, 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, 6, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 6, 176); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 6, 176); box-shadow:4px  
4px 4px 4px rgb(0, 6, 176) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.0689, 46.4384, -122.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 6, 176) }
```

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

```
.background{ background-color: rgb(0, 6,  
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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