

Converting Colors

HunterLab(18.4715, 48.6794,
-128.1725)

Have a look what the booklet for
HunterLab(18.4715, 48.6794,
-128.1725) contains.

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Color

**HunterLab(18.4427, 48.7651,
-128.3216)**

Conversions

Conversions Part 1

Format	Color
Hex	0003B5
RGB	0, 3, 181
RGB Percent	0%, 1%, 71%
CMY	0.9999, 0.9883, 0.2902
CMYK	1.00, 0.98, 0.00, 0.29
HSL	239°, 100%, 35%
HSV	239°, 100%, 71%
XYZ	8.3731, 3.4013, 43.9314
YIQ	22.3950, -58.9260, 54.7220

Conversions

Conversions Part 2

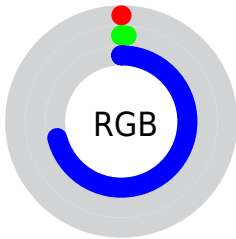
Format	Color
RYB	0, 3, 181
Decimal	949
CIELab	21.58, 60.48, -82.99
CIELCh	22, 102.686, 306.084
Yxy	3.4013, 0.1503, 0.0611
Android (android.graphics.Color)	4278191029 (0xFF0003B5)
YUV	22.3950, 78.1923, -19.6404
Hunter-Lab	18.4427, 48.7651, -128.3216

Details

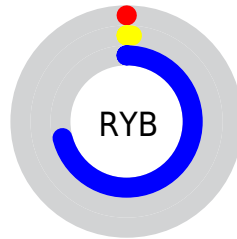
The HunterLab color **18.4427, 48.7651, -128.3216** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **64.5628, -16.2569, 39.4978**, and the grayscale version is **8.8629, -0.4729, 0.4815**.

A 20% lighter version of the original color is **34.8758, 52.8311, -115.0988**, and **12.2734, 33.2915, -87.2075** is the 20% darker color. If you saturate the color by 10%, you get **18.4400, 48.7772, -128.3443**, and if you desaturate by 10%, it is **19.9872, 44.1210, -116.5917**.

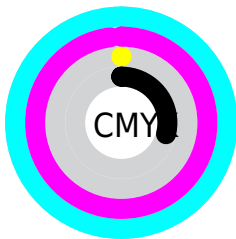
Distribution



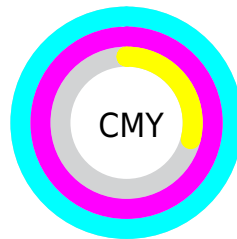
- Red (0%)
- Green (1%)
- Blue (71%)



- Red (0%)
- Yellow (1%)
- Blue (71%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (99%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4427, 48.7651, -128.3216 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 18.4427, 48.7651, -128.3216 by changing the saturation by 10% instead.

■ 18.4427, 48.7651,
-128.3216

■ 18.4427, 48.7651,
-128.3216

■ 115.3477, 65.7656,
-113.7901

■ 11.5960, 47.2622,
-146.7034

■ 34.9759, 52.9360,
-115.2256

■ 4.1880, 74.6854,
-277.3392

■ 44.4715, 55.0479,
-112.9715

0.0000, INF, -NF

0.0000, NaN, -NF

■ 54.6983, 57.0817,
-111.9451

0.0000, NaN, -NF

■ 65.6074, 59.0187,
-111.6583

0.0000, NaN, -NF

■ 77.1584, 60.8537,
-111.8365

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 89.3175, 62.5874,

-112.3146


0.0000, NaN, NaN


 102.0557, 64.2232,
-112.9886


 18.4427, 48.7651,
-128.3216


 18.4427, 48.7651,
-128.3216


 18.4400, 48.7772,
-128.3443

 19.9872, 44.1210,
-116.5917

 22.6722, 37.3910,
-99.6973

 26.4524, 30.0526,
-81.1590

 31.0741, 23.2162,
-63.8575

 36.3224, 17.2147,
-48.6762

■ 42.0436, 12.0089,
-35.5315

■ 48.1328, 7.4543,
-24.0601

■ 54.5181, 3.4045,
-13.8893

■ 61.1492, -0.2607,
-4.7118

Harmonies

Analogous

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



18.4426, 5.7541, -190.5413



18.4427, 48.7651, -128.3216



18.4426, 91.0088, -39.8388

Triad

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



18.4426, 48.7687, -128.3225



18.4426, 29.8651, 12.9099



18.4426, -32.2746, -6.0587

Complementary

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



18.4427, 48.7651, -128.3216



64.5628, -16.2569, 39.4978

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.



18.4426, -32.2746, 12.9099



18.4427, 48.7651, -128.3216



18.4426, -6.8769, 12.9099

Square

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



18.4426, 48.7687, -128.3225



18.4426, 75.9373, 12.9099



18.4426, -24.5823, 12.9099



18.4426, -29.9001, -73.1235

Rectangle

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



18.4427, 48.7651, -128.3216



18.4426, 103.8265, -3.2951



18.4426, -24.5823, 12.9099



18.4426, -32.2746, 4.4662

Sweetspot

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



18.4426, 48.7687, -128.3225



63.9800, 10.2750, -32.9513



60.2178, -32.5833, -4.9269



28.1535, 5.9159, -18.1859



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.



18.4426, 48.7687, -128.3225



24.6133, 65.5584, -172.2862



23.2109, 54.1139, -96.4193



28.7256, -0.2306, -1.9246



15.3431, 40.3571, -106.2969



2.8530, 6.6086, -17.8320

Inverse Universe

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



31.3546, 53.7104, 20.0986



41.9554, 71.8699, 26.9556



59.5005, -40.8487, 35.9478



29.1675, 0.9863, 2.3769



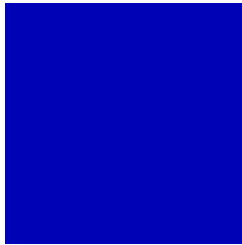
26.0342, 44.6053, 16.6598



4.6260, 7.9418, 2.8364

Previews

White Background



This preview shows how the HunterLab color 18.4427, 48.7651, -128.3216 looks on a white background.

Color Contrast Check

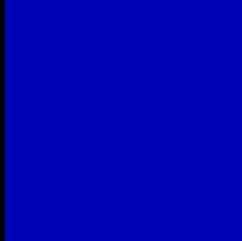
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4427, 48.7651, -128.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

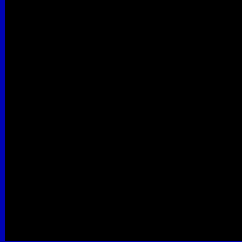
Any Text WCAG AA × Fail

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 18.4427, 48.7651, -128.3216 Background



This preview shows how black text looks on a background with the HunterLab color 18.4427, 48.7651, -128.3216.



This preview shows how white text looks on a background with the HunterLab color 18.4427, 48.7651, -128.3216.

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

18.4427, 48.7651, -128.3216

Protanopia

19.2195, 4.8376, -34.4657

Deuteranopia

19.3246, -1.6412, -20.6113



Tritanopia

19.2553, -9.6484, -3.2393

Trichromacy



Original Color

18.4427, 48.7651, -128.3216

Protanomaly

17.2616, 21.9614, -68.9839

Deuteranomaly

16.8211, 17.5459, -58.9014

Tritanomaly

16.0596, 9.8264, -41.2856

Monochromacy



Original Color

18.4427, 48.7651, -128.3216

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

10.0707, 14.2787, -38.2261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4427, 48.7651, -128.3216 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, 3, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 3, 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, 3, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 3, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4427, 48.7651, -128.3216 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, 3, 181) }
```


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

```
.border{ border-color:rgb(0, 3, 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, 3, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 3, 181); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 3, 181); box-shadow:4px  
4px 4px 4px rgb(0, 3, 181) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.4427, 48.7651, -128.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 3, 181) }
```

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

```
.background{ background-color: rgb(0, 3,  
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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