

Converting Colors

HunterLab(18.4848, 49.7147,
-128.0448)

Have a look what the booklet for
HunterLab(18.4848, 49.7147,
-128.0448) contains.

| | |
|---|----|
| HunterLab(18.4780, 49.6985, -128.0149) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(18.4780, 49.6985,
-128.0149)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0C00B5 |
| RGB | 12, 0, 181 |
| RGB Percent | 5%, 0%, 71% |
| CMY | 0.9528, 1.0000, 0.2902 |
| CMYK | 0.93, 1.00, 0.00, 0.29 |
| HSL | 244°, 100%, 35% |
| HSV | 244°, 100%, 71% |
| XYZ | 8.4921, 3.4144, 43.9276 |
| YIQ | 24.2220, -50.9490, 58.8350 |

Conversions

Conversions Part 2

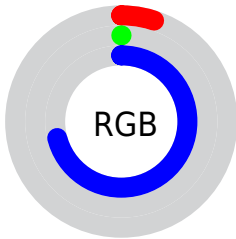
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 12, 0, 181 |
| Decimal | 786613 |
| CIELab | 21.63, 61.32, -82.90 |
| CIELCh | 22, 103.112, 306.490 |
| Yxy | 3.4146, 0.1521, 0.0612 |
| Android (android.graphics.Color) | 4278976693 (0xFF0C00B5) |
| YUV | 24.2220, 77.2916, -10.7187 |
| Hunter-Lab | 18.4780, 49.6985, -128.0149 |

Details

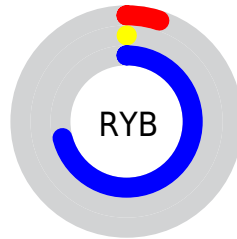
The HunterLab color **18.4780, 49.6985, -128.0149** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **64.4046, -21.5811, 39.3080**, and the grayscale version is **9.4125, -0.5022, 0.5114**.

A 20% lighter version of the original color is **34.9708, 53.7898, -114.6499**, and **12.2734, 33.2915, -87.2075** is the 20% darker color. If you saturate the color by 10%, you get **18.4786, 49.6991, -128.0102**, and if you desaturate by 10%, it is **20.0804, 45.4236, -115.9090**.

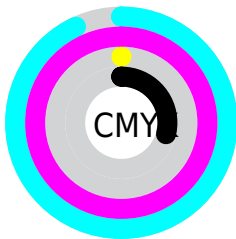
Distribution



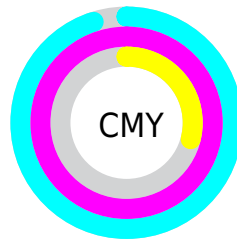
- Red (5%)
- Green (0%)
- Blue (71%)



- Red (5%)
- Yellow (0%)
- Blue (71%)



- Cyan (93%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (95%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4780, 49.6985, -128.0149 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 18.4780, 49.6985, -128.0149 by changing the saturation by 10% instead.

■ 18.4780, 49.6985,
-128.0149

■ 18.4780, 49.6985,
-128.0149

■ 115.4140, 66.8791,
-113.6239

■ 11.6268, 48.2198,
-146.2563

■ 35.0205, 53.8806,
-115.0070

■ 4.2521, 75.2192,
-273.0378

■ 44.5198, 56.0121,
-112.7725

0.0000, INF, -NF

0.0000, NaN, -NF

■ 54.7500, 58.0685,
-111.7583

0.0000, NaN, -NF

■ 65.6623, 60.0299,
-111.4796

0.0000, NaN, -NF

■ 77.2164, 61.8901,
-111.6631

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.3784, 63.6495,

-112.1447

0.0000, NaN, NaN

102.1193, 65.3111,
-112.8210

18.4780, 49.6985,
-128.0149

18.4780, 49.6985,
-128.0149

18.4786, 49.6991,
-128.0102

20.0804, 45.4236,
-115.9090

22.7748, 39.2754,
-99.0862

26.5522, 32.2277,
-80.6911

31.1637, 25.4239,
-63.5236

36.3979, 19.2685,
-48.4456

■ 42.1029, 13.7827,
-35.3771

■ 48.1747, 8.8623,
-23.9627

■ 54.5419, 4.3862,
-13.8367

■ 61.1545, 0.2504,
-4.6959

Harmonies

Analogous

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



18.4786, 6.2676, -191.6843



18.4780, 49.6985, -128.0149



18.4786, 91.9996, -39.1015

Triad

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



18.4786, 49.6991, -128.0102



18.4786, 29.4203, 12.9350



18.4786, -32.3376, -6.6461

Complementary

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



18.4780, 49.6985, -128.0149



64.4046, -21.5811, 39.3080

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.



18.4786, -32.3376, 12.9350



18.4780, 49.6985, -128.0149



18.4786, -7.2705, 12.9350

Square

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



18.4786, 49.6991, -128.0102



18.4786, 75.8253, 12.9350



18.4786, -24.8086, 12.9350



18.4786, -29.8972, -74.8449

Rectangle

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



18.4780, 49.6985, -128.0149



18.4786, 104.5532, -2.8258



18.4786, -24.8086, 12.9350



18.4786, -32.3376, 4.1599

Sweetspot

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



18.4786, 49.6991, -128.0102



64.0535, 12.1747, -32.7894



57.2908, -28.3377, -10.4355



28.1921, 6.8976, -18.0961



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.



18.4786, 49.6991, -128.0102



24.6611, 66.4608, -171.8760



24.5356, 55.6150, -89.5475



28.7337, -0.0112, -1.9103



15.3803, 41.2924, -105.9759



2.8862, 7.4499, -17.5702

Inverse Universe

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



35.6191, 69.0376, -39.2987



47.6539, 92.3416, -52.4066



59.0061, -42.8915, 35.6084



29.3884, 2.1728, -0.7683



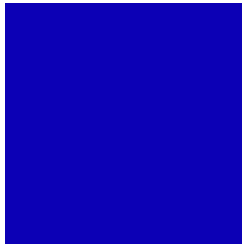
29.5809, 57.3449, -32.7189



5.2747, 10.2680, -6.1643

Previews

White Background



This preview shows how the HunterLab color 18.4780, 49.6985, -128.0149 looks on a white background.

Color Contrast Check

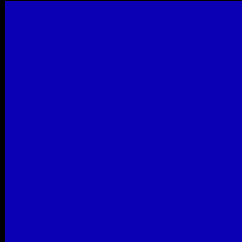
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4780, 49.6985, -128.0149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

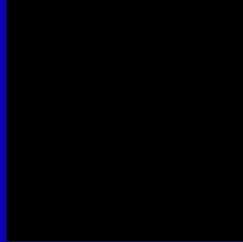
Any Text WCAG AA × Fail

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 18.4780, 49.6985, -128.0149 Background



This preview shows how black text looks on a background with the HunterLab color 18.4780, 49.6985, -128.0149.



This preview shows how white text looks on a background with the HunterLab color 18.4780, 49.6985, -128.0149.

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

18.4780, 49.6985, -128.0149

Protanopia

19.2195, 4.8376, -34.4657

Deuteranopia

19.3246, -1.6412, -20.6113



Tritanopia

19.2553, -9.6484, -3.2393

Trichromacy



Original Color

18.4780, 49.6985, -128.0149

Protanomaly

17.1681, 22.6283, -69.4657

Deuteranomaly

16.7150, 18.2366, -59.3962

Tritanomaly

15.9323, 10.5406, -41.7620

Monochromacy



Original Color

18.4780, 49.6985, -128.0149

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

10.4137, 15.1068, -37.6399

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4780, 49.6985, -128.0149 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(12, 0, 181)` looks like.

```
.text, #text, p{  
    color:rgb(12, 0, 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(12, 0, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 0, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4780, 49.6985, -128.0149 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(12, 0, 181) }
```


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

```
.border{ border-color:rgb(12, 0, 181) }
```

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

Here you see how a box with a 4 pixel rgb(12, 0, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 0, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 0, 181);  
box-shadow:4px 4px 4px 4px rgb(12, 0, 181)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.4780, 49.6985, -128.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 0, 181) }
```

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

```
.background{ background-color: rgb(12, 0,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor