

Converting Colors

HunterLab(18.0660, 48.8417,
-127.1080)

Have a look what the booklet for
HunterLab(18.0660, 48.8417,
-127.1080) contains.

HunterLab(18.1299, 48.9994, -127.4412)	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(18.1299, 48.9994,
-127.4412)**

Conversions

Conversions Part 1

Format	Color
Hex	0500B3
RGB	5, 0, 179
RGB Percent	2%, 0%, 70%
CMY	0.9803, 1.0000, 0.2980
CMYK	0.97, 1.00, 0.00, 0.30
HSL	242°, 100%, 35%
HSV	242°, 100%, 70%
XYZ	8.1993, 3.2869, 42.8501
YIQ	21.9010, -54.4790, 56.7290

Conversions

Conversions Part 2

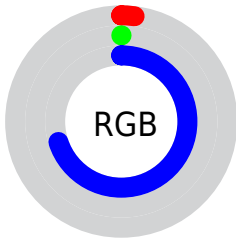
Format	Color
R _Y B	5, 0, 179
Decimal	327859
CIE Lab	21.16, 60.76, -82.50
CIE LCh	21, 102.459, 306.373
Yxy	3.2872, 0.1509, 0.0605
Android (android.graphics.Color)	4278517939 (0xFF0500B3)
YUV	21.9010, 77.4498, -14.8222
Hunter-Lab	18.1299, 48.9994, -127.4412

Details

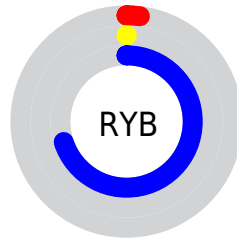
The HunterLab color **18.1299, 48.9994, -127.4412** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **64.2146, -19.0644, 39.2350**, and the grayscale version is **8.7191, -0.4652, 0.4737**.

A 20% lighter version of the original color is **34.6369, 52.8218, -113.5718**, and **12.1683, 33.0064, -86.4607** is the 20% darker color. If you saturate the color by 10%, you get **18.1305, 48.9999, -127.4364**, and if you desaturate by 10%, it is **19.6458, 44.5933, -115.8231**.

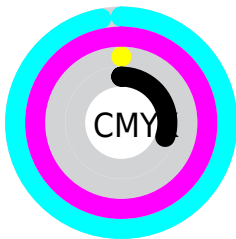
Distribution



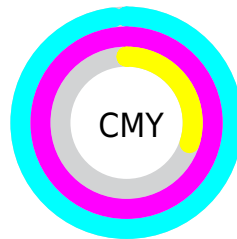
- Red (2%)
- Green (0%)
- Blue (70%)



- Red (2%)
- Yellow (0%)
- Blue (70%)



- Cyan (97%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)



- Cyan (98%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1299, 48.9994, -127.4412 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 18.1299, 48.9994, -127.4412 by changing the saturation by 10% instead.

■ 18.1299, 48.9994,
-127.4412

■ 18.1299, 48.9994,
-127.4412

■ 114.7715, 66.0748,
-112.8128

■ 11.3289, 47.5463,
-146.1300

■ 34.5892, 53.1598,
-114.2346

■ 3.5822, 86.3837,
-314.6727

■ 44.0525, 55.2810,
-111.9778

0.0000, INF, -NF

0.0000, NaN, -NF

■ 54.2492, 57.3265,
-110.9544

0.0000, NaN, -NF

■ 65.1302, 59.2761,
-110.6720

0.0000, NaN, -NF

■ 76.6546, 61.1242,
-110.8540

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.7885, 62.8710,

-111.3350

0.0000, NaN, NaN

101.5026, 64.5198,
-112.0107

18.1299, 48.9994,
-127.4412

18.1299, 48.9994,
-127.4412

18.1305, 48.9999,
-127.4364

19.6458, 44.5933,
-115.8231

22.2531, 38.3018,
-99.2459

25.9646, 31.1607,
-80.8413

30.5262, 24.3522,
-63.5974

35.7199, 18.2758,
-48.4591

■ 41.3899, 12.9319,
-35.3615

■ 47.4294, 8.1974,
-23.9435

■ 53.7659, 3.9379,
-13.8305

■ 60.3485, 0.0405,
-4.7128

Harmonies

Analogous

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



18.1305, 6.0608, -190.5091



18.1299, 48.9994, -127.4412



18.1305, 91.0031, -39.0247

Triad

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



18.1305, 48.9999, -127.4364



18.1305, 29.2735, 12.6914



18.1305, -31.7284, -6.4187

Complementary

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



18.1299, 48.9994, -127.4412



64.2146, -19.0644, 39.2350

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.



18.1305, -31.7284, 12.6914



18.1299, 48.9994, -127.4412



18.1305, -7.0669, 12.6914

Square

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



18.1305, 48.9999, -127.4364



18.1305, 75.2457, 12.6914



18.1305, -24.4124, 12.6914



18.1305, -29.6360, -73.8846

Rectangle

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



18.1299, 48.9994, -127.4412



18.1305, 103.5589, -2.9366



18.1305, -24.4124, 12.6914



18.1305, -31.7284, 4.1918

Sweetspot

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



18.1305, 48.9999, -127.4364



63.0536, 11.2747, -32.7713



58.5764, -30.3933, -7.6050



28.0722, 6.5156, -18.3286



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.



18.1305, 48.9999, -127.4364



24.2305, 65.5513, -170.8204



23.5690, 54.1714, -91.8134



28.7074, -0.1011, -1.9460



15.2567, 41.2019, -106.9947



2.7747, 7.3597, -18.4230

Inverse Universe

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



35.5506, 69.4737, -43.6338



47.5700, 92.9529, -58.3128



58.5178, -41.3819, 35.3339



29.3982, 2.2250, -0.9067



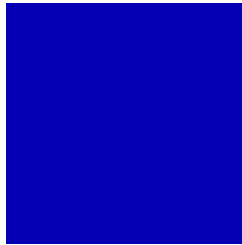
29.8874, 58.4109, -36.7163



5.3136, 10.4029, -6.6695

Previews

White Background



This preview shows how the HunterLab color 18.1299, 48.9994, -127.4412 looks on a white background.

Color Contrast Check

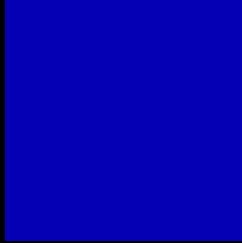
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1299, 48.9994, -127.4412 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 18.1299, 48.9994, -127.4412 Background



This preview shows how black text looks on a background with the HunterLab color 18.1299, 48.9994, -127.4412.



This preview shows how white text looks on a background with the HunterLab color 18.1299, 48.9994, -127.4412.

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

18.1299, 48.9994, -127.4412

Protanopia

18.9256, 5.0075, -34.4651

Deuteranopia

19.0228, -1.4802, -20.5814



Tritanopia

18.9489, -9.4873, -3.2041

Trichromacy



Original Color

18.1299, 48.9994, -127.4412

Protanomaly

16.8816, 22.7128, -69.7033

Deuteranomaly

16.5224, 17.4761, -57.9407

Tritanomaly

15.5533, 10.2869, -41.1826

Monochromacy



Original Color

18.1299, 48.9994, -127.4412

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

9.9436, 14.5880, -37.7239

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1299, 48.9994, -127.4412 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(5, 0, 179)` looks like.

```
.text, #text, p{  
    color:rgb(5, 0, 179)  
}
```

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(5, 0, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 0, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1299, 48.9994, -127.4412 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(5, 0, 179) }
```


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

```
.border{ border-color:rgb(5, 0, 179) }
```

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

Here you see how a box with a 4 pixel rgb(5, 0, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 0, 179); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 0, 179); box-shadow:4px  
4px 4px 4px rgb(5, 0, 179) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.1299, 48.9994, -127.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 0, 179) }
```

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

```
.background{ background-color: rgb(5, 0,  
179) }
```

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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