

Converting Colors

HunterLab(18.2375, 48.4391,
-121.6000)

Have a look what the booklet for
HunterLab(18.2375, 48.4391,
-121.6000) contains.

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Color

**HunterLab(18.2119, 48.3997,
-121.6503)**

Conversions

Conversions Part 1

Format	Color
Hex	1700B0
RGB	23, 0, 176
RGB Percent	9%, 0%, 69%
CMY	0.9097, 1.0000, 0.3098
CMYK	0.87, 1.00, 0.00, 0.31
HSL	248°, 100%, 35%
HSV	248°, 100%, 69%
XYZ	8.1898, 3.3167, 41.2828
YIQ	26.9410, -42.7880, 59.6120

Conversions

Conversions Part 2

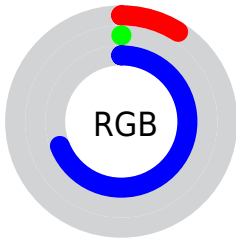
Format	Color
RYB	23, 0, 176
Decimal	1507504
CIELab	21.27, 60.19, -80.49
CIELCh	21, 100.513, 306.790
Yxy	3.3170, 0.1551, 0.0628
Android (android.graphics.Color)	4279697584 (0xFF1700B0)
YUV	26.9410, 73.4861, -3.4563
Hunter-Lab	18.2119, 48.3997, -121.6503

Details

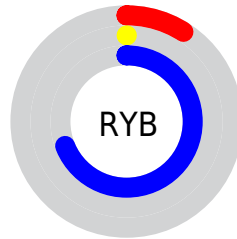
The HunterLab color **18.2119, 48.3997, -121.6503** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **61.4990, -24.4412, 37.4675**, and the grayscale version is **10.2445, -0.5466, 0.5566**.

A 20% lighter version of the original color is **34.7246, 52.4903, -109.3115**, and **11.8539, 32.1536, -84.2267** is the 20% darker color. If you saturate the color by 10%, you get **18.2125, 48.4002, -121.6458**, and if you desaturate by 10%, it is **19.9310, 44.4466, -109.1269**.

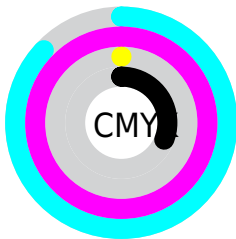
Distribution



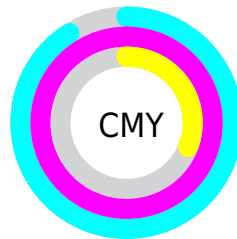
- Red (9%)
- Green (0%)
- Blue (69%)



- Red (9%)
- Yellow (0%)
- Blue (69%)



- Cyan (87%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (91%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.2119, 48.3997, -121.6503 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 18.2119, 48.3997, -121.6503 by changing the saturation by 10% instead.

■ 18.2119, 48.3997,
-121.6503

■ 18.2119, 48.3997,
-121.6503

■ 114.9231, 65.3457,
-109.0029

■ 11.3990, 46.9131,
-138.7968

■ 34.6909, 52.5545,
-109.6607

■ 3.7512, 81.7465,
-285.8339

■ 44.1627, 54.6616,
-107.6805

0.0000, INF, -NF

0.0000, NaN, -NF

■ 54.3673, 56.6904,
-106.8373

0.0000, NaN, -NF

■ 65.2557, 58.6221,
-106.6751

0.0000, NaN, -NF

■ 76.7871, 60.4515,
-106.9378

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.9276, 62.1795,

-107.4720

0.0000, NaN, NaN

101.6481, 63.8094,
-108.1814

18.2119, 48.3997,
-121.6503

18.2119, 48.3997,
-121.6503

18.2125, 48.4002,
-121.6458

19.9310, 44.4466,
-109.1269

22.6321, 38.8236,
-92.9785

26.3147, 32.2863,
-75.7651

30.7566, 25.8412,
-59.7752

35.7707, 19.8757,
-45.6910

■ 41.2216, 14.4426,
-33.4248

■ 47.0153, 9.4743,
-22.6616

■ 53.0866, 4.8785,
-13.0769

■ 59.3895, 0.5712,
-4.4000

Harmonies

Analogous

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



18.2125, 6.4036, -182.9349



18.2119, 48.3997, -121.6503



18.2125, 88.8553, -36.9096

Triad

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



18.2125, 48.4002, -121.6458



18.2125, 27.9836, 12.7488



18.2125, -31.8719, -6.8117

Complementary

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



18.2119, 48.3997, -121.6503



61.4990, -24.4412, 37.4675

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.



18.2125, -31.8719, 12.7488



18.2119, 48.3997, -121.6503



18.2125, -7.3347, 12.7488

Square

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



18.2125, 48.4002, -121.6458



18.2125, 72.6324, 12.7488



18.2125, -24.3376, 12.7488



18.2125, -29.1944, -72.6638

Rectangle

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



18.2119, 48.3997, -121.6503



18.2125, 100.6378, -2.3769



18.2125, -24.3376, 12.7488



18.2125, -31.8719, 3.8183

Sweetspot

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



18.2125, 48.4002, -121.6458



62.8970, 13.0971, -31.2371



51.7039, -22.6927, -15.6384



27.7681, 7.3511, -17.2318



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.



18.2125, 48.4002, -121.6458



24.4159, 65.0967, -164.7151



25.2117, 55.6085, -80.0852



28.7779, 0.1402, -1.8503



15.6484, 41.4953, -103.8165



3.0641, 7.6090, -16.3272

Inverse Universe

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



33.9550, 64.9205, -30.5504



45.7017, 87.3375, -40.7920



56.7984, -43.2302, 34.2421



29.3721, 2.0857, -0.5374



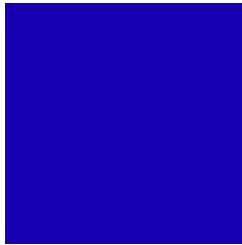
29.0955, 55.6462, -26.3089



5.2120, 10.0494, -5.3424

Previews

White Background



This preview shows how the HunterLab color 18.2119, 48.3997, -121.6503 looks on a white background.

Color Contrast Check

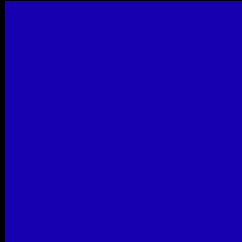
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2119, 48.3997, -121.6503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

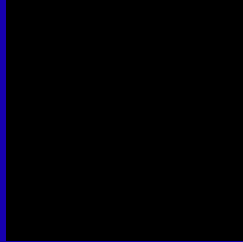
Any Text WCAG AA × Fail

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 18.2119, 48.3997, -121.6503 Background



This preview shows how black text looks on a background with the HunterLab color 18.2119, 48.3997, -121.6503.



This preview shows how white text looks on a background with the HunterLab color 18.2119, 48.3997, -121.6503.

-121.6503.

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

18.2119, 48.3997, -121.6503

Protanopia

18.8683, 4.7113, -33.7540

Deuteranopia

19.0228, -1.4802, -20.5814



Tritanopia

18.9489, -9.4873, -3.2041

Trichromacy



Original Color

18.2119, 48.3997, -121.6503

Protanomaly

16.8309, 22.2756, -67.4084

Deuteranomaly

16.5633, 17.4210, -56.5664

Tritanomaly

15.6119, 10.3177, -39.9372

Monochromacy



Original Color

18.2119, 48.3997, -121.6503

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

11.0208, 14.9151, -34.8274

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.2119, 48.3997, -121.6503 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(23, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(23, 0, 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(23, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 0, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 18.2119, 48.3997, -121.6503 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(23, 0, 176) }
```


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

```
.border{ border-color:rgb(23, 0, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 0, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 0, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 0, 176);  
box-shadow:4px 4px 4px 4px rgb(23, 0, 176)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.2119, 48.3997, -121.6503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 0, 176) }
```

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

```
.background{ background-color: rgb(23, 0,  
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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