

Converting Colors

HunterLab(18.5948, 48.1527,
-114.4059)

Have a look what the booklet for
HunterLab(18.5948, 48.1527,
-114.4059) contains.

HunterLab(18.5700, 48.0486, -113.9430)	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(18.5700, 48.0486,
-113.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	2700AD
RGB	39, 0, 173
RGB Percent	15%, 0%, 68%
CMY	0.8470, 1.0000, 0.3216
CMYK	0.77, 1.00, 0.00, 0.32
HSL	254°, 100%, 34%
HSV	254°, 100%, 68%
XYZ	8.3795, 3.4484, 39.7590
YIQ	31.3830, -32.2890, 62.0710

Conversions

Conversions Part 2

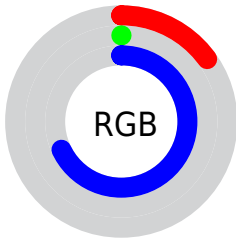
Format	Color
RYB	39, 0, 173
Decimal	2556077
CIELab	21.76, 59.79, -77.85
CIELCh	22, 98.161, 307.523
Yxy	3.4487, 0.1624, 0.0669
Android (android.graphics.Color)	4280746157 (0xFF2700AD)
YUV	31.3830, 69.8172, 6.6801
Hunter-Lab	18.5700, 48.0486, -113.9430

Details

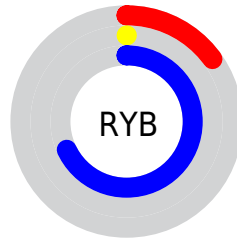
The HunterLab color **18.5700, 48.0486, -113.9430** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **59.1225, -28.6693, 35.9291**, and the grayscale version is **11.6224, -0.6201, 0.6315**.

A 20% lighter version of the original color is **35.1648, 52.0751, -103.6433**, and **11.5408, 31.3045, -82.0025** is the 20% darker color. If you saturate the color by 10%, you get **18.5706, 48.0490, -113.9390**, and if you desaturate by 10%, it is **20.4166, 44.5770, -101.4497**.

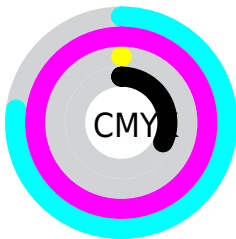
Distribution



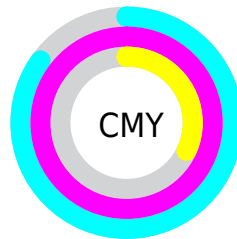
- Red (15%)
- Green (0%)
- Blue (68%)



- Red (15%)
- Yellow (0%)
- Blue (68%)



- Cyan (77%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)



- Cyan (85%)
- Magenta (100%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5700, 48.0486, -113.9430 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 18.5700, 48.0486, -113.9430 by changing the saturation by 10% instead.

■ 18.5700, 48.0486,
-113.9430

■ 18.5700, 48.0486,
-113.9430

■ 115.5833, 64.8836,
-104.0815

■ 11.7056, 46.5020,
-128.7584

■ 35.1343, 52.2083,
-103.7083

■ 4.4115, 70.2376,
-230.3526

■ 44.6430, 54.3025,
-102.1124

0.0000, INF, -NF

■ 54.8820, 56.3154,
-101.5154

0.0000, NaN, -NF

■ 65.8026, 58.2299,
-101.5146

0.0000, NaN, -NF

■ 77.3644, 60.0417,
-101.8835

0.0000, NaN, NaN

■ 89.5338, 61.7521,

0.0000, NaN, NaN

-102.4863

0.0000, NaN, NaN

102.2818, 63.3645,
-103.2376

18.5700, 48.0486,
-113.9430

18.5700, 48.0486,
-113.9430

18.5706, 48.0490,
-113.9390

20.4166, 44.5770,
-101.4497

23.1244, 39.5488,
-86.4249

26.7121, 33.4962,
-70.7058

30.9914, 27.3086,
-56.0603

35.8013, 21.3851,
-43.0387

■ 41.0221, 15.8309,
-31.5861

■ 46.5690, 10.6277,
-21.4531

■ 52.3819, 5.7188,
-12.3715

■ 58.4175, 1.0441,
-4.1108

Harmonies

Analogous

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



18.5706, 7.0772, -173.1699



18.5700, 48.0486, -113.9430



18.5706, 86.4986, -33.9702

Triad

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



18.5706, 48.0490, -113.9390



18.5706, 26.2148, 12.9994



18.5706, -32.4985, -7.5836

Complementary

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



18.5700, 48.0486, -113.9430



59.1225, -28.6693, 35.9291

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.



18.5706, -31.7757, 12.9994



18.5700, 48.0486, -113.9430



18.5706, -7.8821, 12.9994

Square

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



18.5706, 48.0490, -113.9390



18.5706, 69.2987, 12.9994



18.5706, -24.5215, 12.9994



18.5706, -28.7600, -71.6429

Rectangle

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



18.5700, 48.0486, -113.9430



18.5706, 97.1767, -1.4886



18.5706, -24.5215, 12.9994



18.5706, -32.4985, 3.2049

Sweetspot

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



18.5706, 48.0490, -113.9390



61.9231, 14.5773, -29.3830



45.2655, -15.0196, -24.1549



27.4406, 8.0965, -16.1971



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.5706, 48.0490, -113.9390



24.6922, 64.1691, -153.6779



27.0203, 57.4390, -69.0957



28.0019, 0.3458, -1.6953



15.9855, 41.2411, -97.1538



3.0831, 7.2798, -13.5108

Inverse Universe

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



32.5656, 61.0540, -19.9206



43.5425, 81.5680, -26.1286



55.2635, -44.3499, 33.2767



28.4898, 1.8864, -0.1869



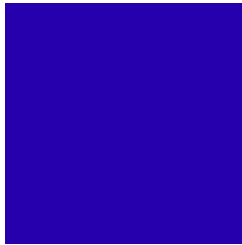
27.9285, 52.3870, -17.2911



4.7382, 9.0206, -3.9631

Previews

White Background



This preview shows how the HunterLab color 18.5700, 48.0486, -113.9430 looks on a white background.

Color Contrast Check

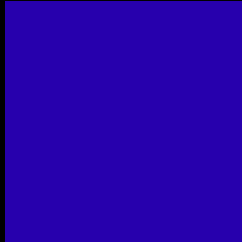
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5700, 48.0486, -113.9430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

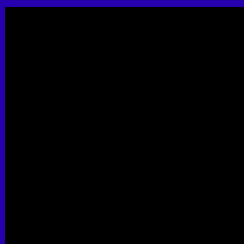
Any Text WCAG AA × Fail

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 18.5700, 48.0486, -113.9430 Background



This preview shows how black text looks on a background with the HunterLab color 18.5700, 48.0486, -113.9430.



This preview shows how white text looks on a background with the HunterLab color 18.5700, 48.0486, -113.9430.

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

18.5700, 48.0486, -113.9430

Protanopia

19.2195, 4.8376, -34.4657

Deuteranopia

19.3246, -1.6412, -20.6113



Tritanopia

19.2553, -9.6484, -3.2393

Trichromacy



Original Color

18.5700, 48.0486, -113.9430

Protanomaly

17.2007, 22.3694, -66.7528

Deuteranomaly

16.6888, 17.7183, -55.9794

Tritanomaly

15.9495, 10.1990, -38.6784

Monochromacy



Original Color

18.5700, 48.0486, -113.9430

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.1034, 15.2637, -32.3631

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5700, 48.0486, -113.9430 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(39, 0, 173)` looks like.

```
.text, #text, p{  
    color:rgb(39, 0, 173)  
}
```

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(39, 0, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 0, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5700, 48.0486, -113.9430 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(39, 0, 173) }
```


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

```
.border{ border-color:rgb(39, 0, 173) }
```

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

Here you see how a box with a 4 pixel rgb(39, 0, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 0, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 0, 173);  
box-shadow:4px 4px 4px 4px rgb(39, 0, 173)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.5700, 48.0486, -113.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 0, 173) }
```

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

```
.background{ background-color: rgb(39, 0,  
173) }
```

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