

Converting Colors

HunterLab(17.5295, 46.7600,
-118.4395)

Have a look what the booklet for
HunterLab(17.5295, 46.7600,
-118.4395) contains.

HunterLab(17.5463, 46.8053, -118.5574)	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(17.5463, 46.8053,
-118.5574)**

Conversions

Conversions Part 1

Format	Color
Hex	1300AB
RGB	19, 0, 171
RGB Percent	7%, 0%, 67%
CMY	0.9254, 1.0000, 0.3294
CMYK	0.89, 1.00, 0.00, 0.33
HSL	247°, 100%, 34%
HSV	247°, 100%, 67%
XYZ	7.6193, 3.0787, 38.7208
YIQ	25.1750, -43.5670, 57.2090

Conversions

Conversions Part 2

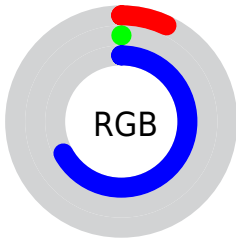
Format	Color
R_{YB}	19, 0, 171
Decimal	1245355
CIE _{Lab}	20.36, 58.88, -79.01
CIE _{LCh}	20, 98.538, 306.694
Yxy	3.0789, 0.1542, 0.0623
Android (android.graphics.Color)	4279435435 (0xFF1300AB)
YUV	25.1750, 71.8917, -5.4155
Hunter-Lab	17.5463, 46.8053, -118.5574

Details

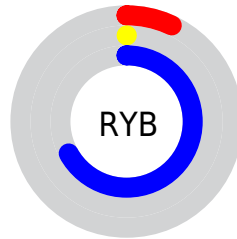
The HunterLab color **17.5463, 46.8053, -118.5574** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **59.8326, -22.6414, 36.4722**, and the grayscale version is **9.7131, -0.5183, 0.5277**.

A 20% lighter version of the original color is **33.9059, 50.8755, -106.5667**, and **11.3329, 30.7406, -80.5253** is the 20% darker color. If you saturate the color by 10%, you get **17.5469, 46.8058, -118.5531**, and if you desaturate by 10%, it is **19.2044, 42.7915, -106.3659**.

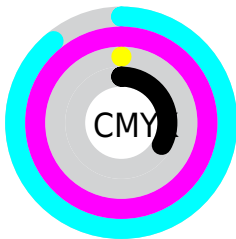
Distribution



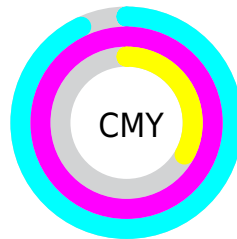
- Red (7%)
- Green (0%)
- Blue (67%)



- Red (7%)
- Yellow (0%)
- Blue (67%)



- Cyan (89%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (93%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.5463, 46.8053, -118.5574 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 17.5463, 46.8053, -118.5574 by changing the saturation by 10% instead.

■ 17.5463, 46.8053,
-118.5574

■ 17.5463, 46.8053,
-118.5574

■ 113.6877, 63.4914,
-106.1269

■ 10.8309, 45.3584,
-136.0413

■ 33.8640, 50.9143,
-106.6048

■ 1.9888, 144.3410,
-498.6452

■ 43.2659, 52.9955,
-104.6762

0.0000, INF, -NF

0.0000, NaN, -NF

■ 53.4058, 54.9958,
-103.8763

0.0000, NaN, -NF

■ 64.2335, 56.8972,
-103.7469

0.0000, NaN, -NF

■ 75.7077, 58.6952,
-104.0332

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.7938, 60.3909,


-104.5831


0.0000, NaN, NaN


 100.4624, 61.9881,
-105.3016


 17.5463, 46.8053,
-118.5574

 17.5463, 46.8053,
-118.5574


 17.5469, 46.8058,
-118.5531

 19.2044, 42.7915,
-106.3659

 21.8155, 37.2244,
-90.6173

 25.3869, 30.8222,
-73.7982

 29.6992, 24.5645,
-58.1854

 34.5684, 18.8146,
-44.4514

■ 39.8620, 13.6103,
-32.5051

■ 45.4883, 8.8761,
-22.0331

■ 51.3838, 4.5163,
-12.7149

■ 57.5037, 0.4455,
-4.2837

Harmonies

Analogous

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



17.5469, 6.1007, -178.0410



17.5463, 46.8053, -118.5574



17.5469, 86.1535, -36.0489

Triad

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



17.5469, 46.8058, -118.5531



17.5469, 27.2656, 12.2828



17.5469, -30.7071, -6.4831

Complementary

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



17.5463, 46.8053, -118.5574



59.8326, -22.6414, 36.4722

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.



17.5469, -30.7071, 12.2828



17.5463, 46.8053, -118.5574



17.5469, -7.0154, 12.2828

Square

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



17.5469, 46.8058, -118.5531



17.5469, 70.6086, 12.2828



17.5469, -23.5387, 12.2828



17.5469, -28.5377, -70.3379

Rectangle

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



17.5463, 46.8053, -118.5574



17.5469, 97.6825, -2.4128



17.5469, -23.5387, 12.2828



17.5469, -30.7071, 3.7647

Sweetspot

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



17.5469, 46.8058, -118.5531



60.4662, 12.2009, -30.1871



51.0084, -23.1611, -13.7579



27.0797, 6.9600, -16.8825



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.



17.5469, 46.8058, -118.5531



23.3848, 62.5649, -159.4434



24.0837, 53.4524, -79.0738



27.9254, 0.0843, -1.7990



15.2750, 40.6694, -102.6117



2.7952, 6.9928, -15.2934

Inverse Universe

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



33.0519, 63.4592, -31.7948



44.2099, 84.8469, -42.2545



55.1084, -41.4568, 33.2317



28.5175, 2.0348, -0.5805



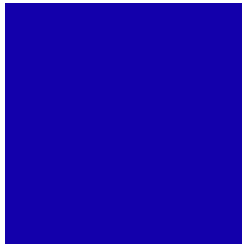
28.7056, 55.1276, -27.7169



4.8322, 9.3500, -5.2085

Previews

White Background



This preview shows how the HunterLab color 17.5463, 46.8053, -118.5574 looks on a white background.

Color Contrast Check

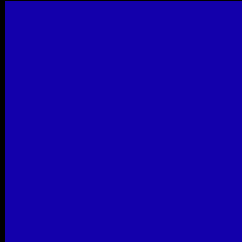
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5463, 46.8053, -118.5574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

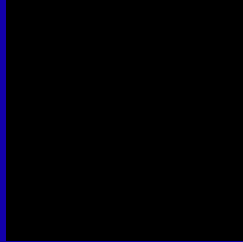
Any Text WCAG AA × Fail

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 17.5463, 46.8053, -118.5574 Background



This preview shows how black text looks on a background with the HunterLab color 17.5463, 46.8053, -118.5574.



This preview shows how white text looks on a background with the HunterLab color 17.5463, 46.8053, -118.5574.

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

17.5463, 46.8053, -118.5574

Protanopia

18.2258, 4.7543, -33.0439

Deuteranopia

18.3753, -1.4152, -19.9126



Tritanopia

18.3386, -9.1664, -3.1340

Trichromacy



Original Color

17.5463, 46.8053, -118.5574

Protanomaly

16.4009, 21.7262, -65.8599

Deuteranomaly

15.8781, 17.0621, -55.0873

Tritanomaly

15.1917, 9.8171, -38.5177

Monochromacy



Original Color

17.5463, 46.8053, -118.5574

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

10.5014, 14.1525, -33.9754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.5463, 46.8053, -118.5574 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(19, 0, 171)` looks like.

```
.text, #text, p{  
    color:rgb(19, 0, 171)  
}
```

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(19, 0, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 0, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 17.5463, 46.8053, -118.5574 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(19, 0, 171) }
```


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

```
.border{ border-color:rgb(19, 0, 171) }
```

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

Here you see how a box with a 4 pixel rgb(19, 0, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 0, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 0, 171);  
box-shadow:4px 4px 4px 4px rgb(19, 0, 171)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.5463, 46.8053, -118.5574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 0, 171) }
```

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

```
.background{ background-color: rgb(19, 0,  
171) }
```

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