

Converting Colors

HunterLab(17.5782, 46.7970,
-118.0489)

Have a look what the booklet for
HunterLab(17.5782, 46.7970,
-118.0489) contains.

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Color

**HunterLab(17.6060, 46.8507,
-118.0785)**

Conversions

Conversions Part 1

Format	Color
Hex	1500AB
RGB	21, 0, 171
RGB Percent	8%, 0%, 67%
CMY	0.9176, 1.0000, 0.3294
CMYK	0.88, 1.00, 0.00, 0.33
HSL	247°, 100%, 34%
HSV	247°, 100%, 67%
XYZ	7.6600, 3.0997, 38.7227
YIQ	25.7730, -42.3750, 57.6330

Conversions

Conversions Part 2

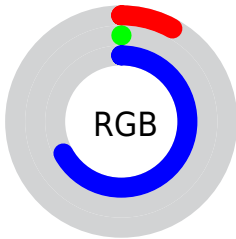
Format	Color
R_{YB}	21, 0, 171
Decimal	1376427
CIE Lab	20.44, 58.91, -78.87
CIE LCh	20, 98.443, 306.756
Yxy	3.0999, 0.1548, 0.0626
Android (android.graphics.Color)	4279566507 (0xFF1500AB)
YUV	25.7730, 71.5969, -4.1859
Hunter-Lab	17.6060, 46.8507, -118.0785

Details

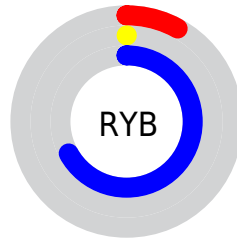
The HunterLab color **17.6060, 46.8507, -118.0785** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **59.6727, -23.2507, 36.3630**, and the grayscale version is **9.8947, -0.5280, 0.5376**.

A 20% lighter version of the original color is **33.9914, 51.0400, -106.1881**, and **11.3329, 30.7406, -80.5253** is the 20% darker color. If you saturate the color by 10%, you get **17.6066, 46.8512, -118.0743**, and if you desaturate by 10%, it is **19.2864, 42.8899, -105.8079**.

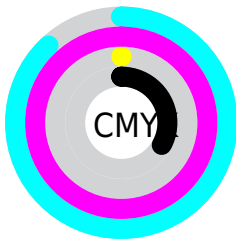
Distribution



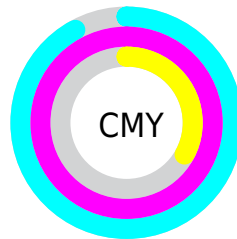
- Red (8%)
- Green (0%)
- Blue (67%)



- Red (8%)
- Yellow (0%)
- Blue (67%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (92%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.6060, 46.8507, -118.0785 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 17.6060, 46.8507, -118.0785 by changing the saturation by 10% instead.

■ 17.6060, 46.8507,
-118.0785

■ 17.6060, 46.8507,
-118.0785

■ 113.7989, 63.5400,
-105.8720

■ 10.8817, 45.3966,
-135.3429

■ 33.9383, 50.9624,
-106.2727

■ 2.2063, 130.5779,
-449.2367

■ 43.3465, 53.0437,
-104.3737

0.0000, INF, -NF

0.0000, NaN, -NF

■ 53.4923, 55.0441,
-103.5921

0.0000, NaN, -NF

■ 64.3255, 56.9455,
-103.4746

0.0000, NaN, -NF

■ 75.8048, 58.7435,
-103.7685

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.8959, 60.4393,

-104.3233

0.0000, NaN, NaN

100.5691, 62.0366,
-105.0450

17.6060, 46.8507,
-118.0785

17.6060, 46.8507,
-118.0785

17.6066, 46.8512,
-118.0743

19.2864, 42.8899,
-105.8079

21.9089, 37.3849,
-90.1107

25.4813, 31.0307,
-73.4032

29.7875, 24.7936,
-57.8991

34.6463, 19.0386,
-44.2511

■ 39.9267, 13.8097,
-32.3689

■ 45.5382, 9.0372,
-21.9445

■ 51.4179, 4.6298,
-12.6625

■ 57.5211, 0.5046,
-4.2601

Harmonies

Analogous

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



17.6066, 6.1662, -177.4785



17.6060, 46.8507, -118.0785



17.6066, 86.0910, -35.8534

Triad

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



17.6066, 46.8512, -118.0743



17.6066, 27.1599, 12.3246



17.6066, -30.8115, -6.5569

Complementary

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



17.6060, 46.8507, -118.0785



59.6727, -23.2507, 36.3630

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.



17.6066, -30.8115, 12.3246



17.6060, 46.8507, -118.0785



17.6066, -7.0726, 12.3246

Square

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



17.6066, 46.8512, -118.0743



17.6066, 70.4378, 12.3246



17.6066, -23.5865, 12.3246



17.6066, -28.5270, -70.3621

Rectangle

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



17.6060, 46.8507, -118.0785



17.6066, 97.5438, -2.3410



17.6066, -23.5865, 12.3246



17.6066, -30.8115, 3.7216

Sweetspot

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



17.6066, 46.8512, -118.0743



60.5341, 12.4196, -30.0656



50.0896, -21.9958, -15.1251



27.1157, 7.0739, -16.8137



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.



17.6066, 46.8512, -118.0743



23.4576, 62.6197, -158.8545



24.4354, 53.8789, -77.4847



27.9332, 0.1109, -1.7884



15.3295, 40.7111, -102.1771



2.8260, 7.0215, -15.0872

Inverse Universe

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



32.9536, 63.1142, -30.4899



44.0762, 84.3781, -40.4808



55.0170, -41.8392, 33.1687



28.5147, 2.0196, -0.5400



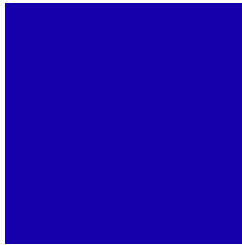
28.6210, 54.8307, -26.5942



4.8222, 9.3151, -5.0770

Previews

White Background



This preview shows how the HunterLab color 17.6060, 46.8507, -118.0785 looks on a white background.

Color Contrast Check

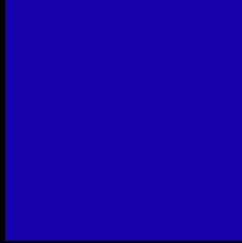
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6060, 46.8507, -118.0785 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 17.6060, 46.8507, -118.0785 Background



This preview shows how black text looks on a background with the HunterLab color 17.6060, 46.8507, -118.0785.



This preview shows how white text looks on a background with the HunterLab color 17.6060, 46.8507, -118.0785.

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

17.6060, 46.8507, -118.0785

Protanopia

18.4615, 4.2921, -32.3407

Deuteranopia

18.3753, -1.4152, -19.9126



Tritanopia

18.3386, -9.1664, -3.1340

Trichromacy



Original Color

17.6060, 46.8507, -118.0785

Protanomaly

16.4206, 21.7675, -65.7556

Deuteranomaly

15.8984, 17.1098, -54.9907

Tritanomaly

15.2130, 9.8761, -38.4366

Monochromacy



Original Color

17.6060, 46.8507, -118.0785

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.7685, 14.1155, -33.8452

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.6060, 46.8507, -118.0785 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(21, 0, 171)` looks like.

```
.text, #text, p{  
    color:rgb(21, 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(21, 0, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 0, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 17.6060, 46.8507, -118.0785 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(21, 0, 171) }
```


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

```
.border{ border-color:rgb(21, 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(21, 0, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 0, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 0, 171);  
box-shadow:4px 4px 4px 4px rgb(21, 0, 171)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.6060, 46.8507, -118.0785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 0, 171) }
```

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

```
.background{ background-color: rgb(21, 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](#).

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