

Converting Colors

HunterLab(17.7778, 42.3313,
-111.3631)

Have a look what the booklet for
HunterLab(17.7778, 42.3313,
-111.3631) contains.

HunterLab(17.7799, 42.5482, -111.8346)	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(17.7799, 42.5482,
-111.8346)**

Conversions

Conversions Part 1

Format	Color
Hex	0B0CA8
RGB	11, 12, 168
RGB Percent	4%, 5%, 66%
CMY	0.9568, 0.9530, 0.3412
CMYK	0.93, 0.93, 0.00, 0.34
HSL	240°, 88%, 35%
HSV	240°, 93%, 66%
XYZ	7.3374, 3.1612, 37.2693
YIQ	29.4850, -50.6720, 48.3040

Conversions

Conversions Part 2

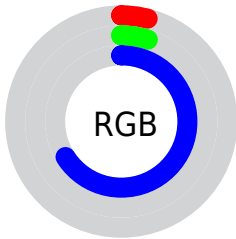
Format	Color
R_{YB}	11, 12, 168
Decimal	724136
CIE _{Lab}	20.68, 54.80, -76.66
CIE _{LCh}	21, 94.239, 305.559
Yxy	3.1612, 0.1536, 0.0662
Android (android.graphics.Color)	4278914216 (0xFF0B0CA8)
YUV	29.4850, 68.2879, -16.2113
Hunter-Lab	17.7799, 42.5482, -111.8346

Details

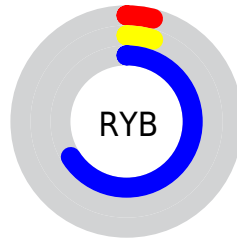
The HunterLab color **17.7799, 42.5482, -111.8346** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **60.0001, -15.6474, 36.3841**, and the grayscale version is **11.0423, -0.5892, 0.5999**.

A 20% lighter version of the original color is **34.1239, 46.7524, -101.9232**, and **11.0223, 29.8979, -78.3179** is the 20% darker color. If you saturate the color by 10%, you get **16.8806, 45.3153, -118.9220**, and if you desaturate by 10%, it is **19.8372, 37.0357, -97.8518**.

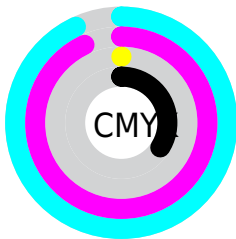
Distribution



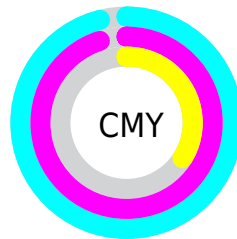
- Red (4%)
- Green (5%)
- Blue (66%)



- Red (4%)
- Yellow (5%)
- Blue (66%)



- Cyan (93%)
- Magenta (93%)
- Yellow (0%)
- Black (34%)



- Cyan (96%)
- Magenta (95%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7799, 42.5482, -111.8346 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 17.7799, 42.5482, -111.8346 by changing the saturation by 10% instead.

■ 17.7799, 42.5482,
-111.8346

■ 17.7799, 42.5482,
-111.8346

■ 114.1214, 58.2507,
-101.7854

■ 11.0294, 40.9410,
-127.3080

■ 34.1539, 46.5736,
-101.3908

■ 2.7405, 95.9188,
-343.0571

■ 43.5804, 48.5464,
-99.7901

0.0000, INF, -NF

0.0000, NaN, -NF

■ 53.7431, 50.4233,
-99.1995

0.0000, NaN, -NF

■ 64.5921, 52.1939,
-99.2069

0.0000, NaN, -NF

■ 76.0865, 53.8578,
-99.5825

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.1917, 55.4185,


-100.1896


0.0000, NaN, NaN


 100.8786, 56.8810,
-100.9425

 17.7799, 42.5482,
-111.8346

 17.7799, 42.5482,
-111.8346


 16.8806, 45.3153,
-118.9220

 19.8372, 37.0357,
-97.8518

 22.9847, 30.3464,
-80.8671

 26.9947, 23.8161,
-64.3153

 31.6492, 17.9821,
-49.5832

 36.7860, 12.9010,
-36.8159

■ 42.2933, 8.4620,
-25.7247

■ 48.0953, 4.5279,
-15.9535

■ 54.1391, 0.9798,
-7.1931

■ 60.3873, -2.2751,
0.7978

Harmonies

Analogous

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



17.7799, 4.5836, -163.3072



17.7799, 42.5482, -111.8346



17.7799, 79.6295, -36.0449

Triad

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



17.7799, 42.5512, -111.8351



17.7799, 27.3264, 12.4459



17.7799, -31.1148, -4.7553

Complementary

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



17.7799, 42.5482, -111.8346



60.0001, -15.6474, 36.3841

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.



17.7799, -30.2969, 12.4459



17.7799, 42.5482, -111.8346



17.7799, -5.8793, 12.4459

Square

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



17.7799, 42.5512, -111.8351



17.7799, 67.6532, 12.4459



17.7799, -22.7019, 12.4459



17.7799, -28.0595, -62.2053

Rectangle

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



17.7799, 42.5482, -111.8346



17.7799, 91.1241, -3.4815



17.7799, -22.7019, 12.4459



17.7799, -31.1148, 4.5002

Sweetspot

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



17.7799, 42.5512, -111.8351



60.7748, 8.7165, -27.9810



55.5044, -29.7015, -4.5397



26.8748, 5.1198, -15.6752



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



17.7799, 42.5512, -111.8351



22.7145, 61.1540, -160.4052



22.5577, 48.4291, -82.6228



27.0327, -0.1915, -1.8097



14.6787, 39.3369, -103.2643



2.3380, 5.9268, -15.7165

Inverse Universe

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



29.3111, 48.1823, 18.2018



38.8711, 66.5755, 25.0587



55.0560, -36.4008, 32.9461



27.4646, 0.8956, 2.2624



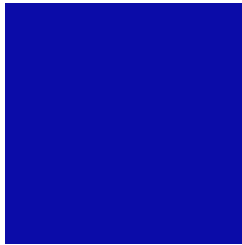
25.0770, 42.9531, 16.1427



3.9144, 6.7106, 2.4751

Previews

White Background



This preview shows how the HunterLab color 17.7799, 42.5482, -111.8346 looks on a white background.

Color Contrast Check

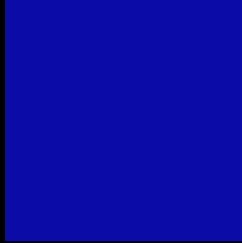
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7799, 42.5482, -111.8346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

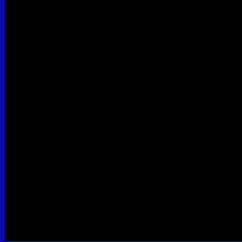
Any Text WCAG AA × Fail

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 17.7799, 42.5482, -111.8346 Background



This preview shows how black text looks on a background with the HunterLab color 17.7799, 42.5482, -111.8346.



This preview shows how white text looks on a background with the HunterLab color 17.7799, 42.5482, -111.8346.

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

17.7799, 42.5482, -111.8346

Protanopia

18.1690, 4.4604, -32.3383

Deuteranopia

18.0762, -1.2554, -19.8836



Tritanopia

18.0347, -9.0067, -3.0990

Trichromacy



Original Color

17.7799, 42.5482, -111.8346

Protanomaly

16.8703, 18.9073, -61.0461

Deuteranomaly

16.4926, 14.5731, -51.1981

Tritanomaly

15.8510, 7.1155, -34.2619

Monochromacy



Original Color

17.7799, 42.5482, -111.8346

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.6728, 11.4598, -31.1556

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7799, 42.5482, -111.8346 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(11, 12, 168)` looks like.

```
.text, #text, p{  
    color:rgb(11, 12, 168)  
}
```

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(11, 12, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 12, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7799, 42.5482, -111.8346 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(11, 12, 168) }
```


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

```
.border{ border-color:rgb(11, 12, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 12, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 12, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 12, 168);  
box-shadow:4px 4px 4px 4px rgb(11, 12,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.7799, 42.5482, -111.8346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 12, 168) }
```

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

```
.background{ background-color: rgb(11, 12,  
168) }
```

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