

Converting Colors

HunterLab(17.7468, 11.9880,
-48.0606)

Have a look what the booklet for
HunterLab(17.7468, 11.9880,
-48.0606) contains.

HunterLab(17.7692, 12.0077, -48.1310)	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(17.7692, 12.0077,
-48.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	002C78
RGB	0, 44, 120
RGB Percent	0%, 17%, 47%
CMY	0.9999, 0.8275, 0.5294
CMYK	1.00, 0.63, 0.00, 0.53
HSL	218°, 100%, 24%
HSV	218°, 100%, 47%
XYZ	4.2909, 3.1574, 18.1526
YIQ	39.5080, -50.6200, 14.3080

Conversions

Conversions Part 2

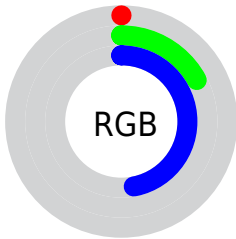
Format	Color
RYB	0, 32, 120
Decimal	11384
CIELab	20.66, 20.00, -46.86
CIELCh	21, 50.952, 293.115
Yxy	3.1575, 0.1676, 0.1233
Android (android.graphics.Color)	4278201464 (0xFF002C78)
YUV	39.5080, 39.6826, -34.6485
Hunter-Lab	17.7692, 12.0077, -48.1310

Details

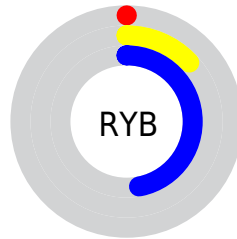
The HunterLab color **17.7692, 12.0077, -48.1310** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **30.2724, 7.9419, 18.7919**, and the grayscale version is **14.2968, -0.7628, 0.7768**.

A 20% lighter version of the original color is **34.1434, 13.5283, -47.3769**, and **6.7449, 18.2955, -47.9251** is the 20% darker color. If you saturate the color by 10%, you get **17.7671, 12.0127, -48.1394**, and if you desaturate by 10%, it is **19.6337, 8.8462, -41.4072**.

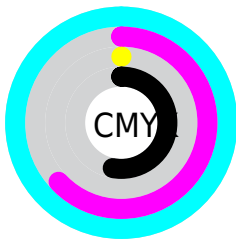
Distribution



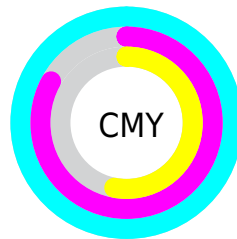
- Red (0%)
- Green (17%)
- Blue (47%)



- Red (0%)
- Yellow (13%)
- Blue (47%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (83%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7692, 12.0077, -48.1310 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 17.7692, 12.0077, -48.1310 by changing the saturation by 10% instead.

■ 17.7692, 12.0077,
-48.1310

■ 17.7692, 12.0077,
-48.1310

■ 114.1019, 15.9725,
-52.1107

■ 11.0205, 10.9716,
-50.8690

■ 34.1408, 13.6054,
-47.5029

■ 2.7112, 32.0046,
-126.6692

■ 43.5662, 14.2089,
-47.9611

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 53.7279, 14.7063,
-48.5908

0.0000, NaN, NaN

■ 64.5760, 15.1104,
-49.2953

0.0000, NaN, NaN

■ 76.0694, 15.4316,
-50.0229

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.1738, 15.6781,

-50.7447

0.0000, NaN, NaN

100.8598, 15.8566,
-51.4439

17.7692, 12.0077,
-48.1310

17.7692, 12.0077,
-48.1310

17.7671, 12.0127,
-48.1394

19.6337, 8.8462,
-41.4072

21.6775, 6.0487,
-35.1375

23.9213, 3.7579,
-29.2363

26.3372, 1.9329,
-23.7397

28.9007, 0.5157,
-18.6366

■ 31.5917, -0.5530,
-13.8919

■ 34.3937, -1.3274,
-9.4621

■ 37.2931, -1.8540,
-5.3032

■ 40.2790, -2.1717,
-1.3746

Harmonies

Analogous

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



17.7694, -4.3111, -54.4871



17.7692, 12.0077, -48.1310



17.7694, 28.9059, -25.0352

Triad

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



17.7694, 12.0087, -48.1306



17.7694, 20.1580, 12.4386



17.7694, -21.6209, 3.9813

Complementary

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



17.7692, 12.0077, -48.1310



30.2724, 7.9419, 18.7919

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.



17.7694, -18.7748, 11.2615



17.7692, 12.0077, -48.1310



17.7694, 2.6831, 12.4386

Square

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



17.7694, 12.0087, -48.1306



17.7694, 34.6082, 8.7746



17.7694, -11.0089, 12.4386



17.7694, -20.6013, -13.7321

Rectangle

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



17.7692, 12.0077, -48.1310



17.7694, 36.4473, -9.1226



17.7694, -11.0089, 12.4386



17.7694, -21.1287, 7.2849

Sweetspot

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



17.7694, 12.0087, -48.1306



45.3305, -1.6957, -12.9746



37.3564, -27.0451, 11.6917



21.4443, -0.6700, -7.2762



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



17.7694, 12.0087, -48.1306



23.0511, 17.1723, -65.8820



12.1106, 31.9300, -78.9723



20.2778, -1.0957, -0.5154



18.4882, 12.7128, -50.5519



38.4782, 32.4782, -118.2055

Inverse Universe

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



20.4335, 35.8788, 6.3051



27.0532, 47.4221, 9.0104



40.4676, -16.0089, 24.6551



20.0925, 0.8483, 0.8481



21.3353, 37.4546, 6.6754



46.4347, 81.2054, 16.9464

Previews

White Background



This preview shows how the HunterLab color 17.7692, 12.0077, -48.1310 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 17.7692, 12.0077, -48.1310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

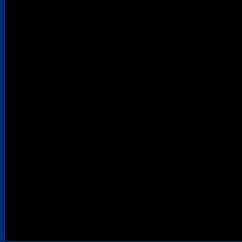
Any Text WCAG AA × Fail

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 17.7692, 12.0077, -48.1310 Background



This preview shows how black text looks on a background with the HunterLab color 17.7692, 12.0077, -48.1310.



This preview shows how white text looks on a background with the HunterLab color 17.7692, 12.0077, -48.1310.

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

17.7692, 12.0077, -48.1310

Protanopia

17.8210, 4.3357, -31.6343

Deuteranopia

17.7780, -1.0959, -19.8552



Tritanopia

17.7316, -8.8474, -3.0640

Trichromacy



Original Color

17.7692, 12.0077, -48.1310

Protanomaly

17.7120, 7.0665, -37.3930

Deuteranomaly

17.6543, 3.4675, -29.5517

Tritanomaly

17.4644, -2.8318, -15.7159

Monochromacy



Original Color

17.7692, 12.0077, -48.1310

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.9071, 1.0701, -13.1886

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7692, 12.0077, -48.1310 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(0, 44, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 44, 120)  
}
```

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(0, 44, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 44, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7692, 12.0077, -48.1310 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(0, 44, 120) }
```


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

```
.border{ border-color:rgb(0, 44, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 44, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 44, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 44, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 44, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.7692, 12.0077, -48.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 44, 120) }
```

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

```
.background{ background-color: rgb(0, 44,  
120) }
```

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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