

Converting Colors

HunterLab(17.5669, 12.4953,
-48.9308)

Have a look what the booklet for
HunterLab(17.5669, 12.4953,
-48.9308) contains.

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Color

**HunterLab(17.5608, 12.5096,
-48.9540)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 002B78 |
| RGB | 0, 43, 120 |
| RGB Percent | 0%, 17%, 47% |
| CMY | 0.9999, 0.8314, 0.5294 |
| CMYK | 1.00, 0.64, 0.00, 0.53 |
| HSL | 219°, 100%, 24% |
| HSV | 219°, 100%, 47% |
| XYZ | 4.2540, 3.0838, 18.1403 |
| YIQ | 38.9210, -50.3450, 14.8310 |

Conversions

Conversions Part 2

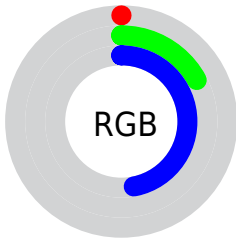
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 32, 120 |
| Decimal | 11128 |
| CIELab | 20.38, 20.73, -47.33 |
| CIELCh | 20, 51.673, 293.652 |
| Yxy | 3.0839, 0.1670, 0.1210 |
| Android (android.graphics.Color) | 4278201208 (0xFF002B78) |
| YUV | 38.9210, 39.9719, -34.1337 |
| Hunter-Lab | 17.5608, 12.5096, -48.9540 |

Details

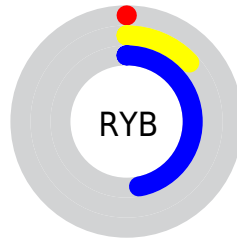
The HunterLab color **17.5608, 12.5096, -48.9540** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **30.5009, 7.4919, 18.9249**, and the grayscale version is **14.1066, -0.7527, 0.7664**.

A 20% lighter version of the original color is **33.9005, 14.0434, -48.0095**, and **6.7449, 18.2955, -47.9251** is the 20% darker color. If you saturate the color by 10%, you get **17.5587, 12.5147, -48.9626**, and if you desaturate by 10%, it is **19.4317, 9.2864, -42.0817**.

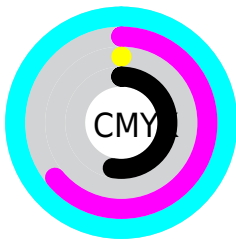
Distribution



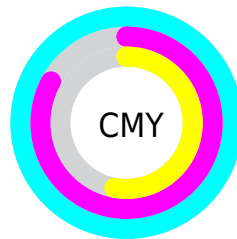
- Red (0%)
- Green (17%)
- Blue (47%)



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



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.5608, 12.5096, -48.9540 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 17.5608, 12.5096, -48.9540 by changing the saturation by 10% instead.

■ 17.5608, 12.5096,
-48.9540

■ 17.5608, 12.5096,
-48.9540

■ 113.7139, 16.8016,
-52.7951

■ 10.8429, 11.4300,
-51.9049

■ 33.8815, 14.1926,
-48.1935

■ 2.0422, 44.1231,
-169.0823

■ 43.2849, 14.8357,
-48.6313

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 53.4263, 15.3707,
-49.2525

0.0000, NaN, NaN

■ 64.2552, 15.8107,
-49.9554

0.0000, NaN, NaN

■ 75.7306, 16.1661,
-50.6857

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.8179, 16.4454,

-51.4130

0.0000, NaN, NaN

100.4876, 16.6553,
-52.1196

17.5608, 12.5096,
-48.9540

17.5608, 12.5096,
-48.9540

17.5587, 12.5147,
-48.9626

19.4317, 9.2864,
-42.0817

21.4877, 6.4291,
-35.6771

23.7483, 4.0830,
-29.6579

26.1843, 2.2070,
-24.0625

28.7704, 0.7420,
-18.8780

■ 31.4855, -0.3726,
-14.0665

■ 34.3129, -1.1919,
-9.5815

■ 37.2386, -1.7633,
-5.3765

■ 40.2514, -2.1261,
-1.4086

Harmonies

Analogous

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



17.5610, -4.0774, -55.9205



17.5608, 12.5096, -48.9540



17.5610, 29.6415, -25.0807

Triad

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



17.5610, 12.5107, -48.9536



17.5610, 20.1519, 12.2927



17.5610, -21.6715, 3.7802

Complementary

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



17.5608, 12.5096, -48.9540



30.5009, 7.4919, 18.9249

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.



17.5610, -18.9226, 11.2289



17.5608, 12.5096, -48.9540



17.5610, 2.4388, 12.2927

Square

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



17.5610, 12.5107, -48.9536



17.5610, 35.0080, 8.8911



17.5610, -11.2618, 12.2927



17.5610, -20.5941, -14.4107

Rectangle

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



17.5608, 12.5096, -48.9540



17.5610, 37.2076, -8.9011



17.5610, -11.2618, 12.2927



17.5610, -21.2069, 7.1551

Sweetspot

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



17.5610, 12.5107, -48.9536



45.2209, -1.5116, -13.1381



37.3564, -27.0450, 11.6916



21.3853, -0.5705, -7.3673



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.



17.5610, 12.5107, -48.9536



22.7748, 17.8574, -67.0154



12.1106, 31.9300, -78.9722



20.2653, -1.0749, -0.5308



18.2706, 13.2397, -51.4174



38.0047, 33.6999, -120.2510

Inverse Universe

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



20.4152, 35.8120, 6.5693



27.0295, 47.3353, 9.3543



40.4675, -16.0089, 24.6550



20.0912, 0.8414, 0.8662



21.3163, 37.3851, 6.9506



46.3953, 81.0606, 17.5206

Previews

White Background



This preview shows how the HunterLab color 17.5608, 12.5096, -48.9540 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 17.5608, 12.5096, -48.9540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

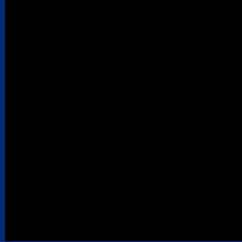
Any Text WCAG AA × Fail

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 17.5608, 12.5096, -48.9540 Background



This preview shows how black text looks on a background with the HunterLab color 17.5608, 12.5096, -48.9540.



This preview shows how white text looks on a background with the HunterLab color 17.5608, 12.5096, -48.9540.

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

17.5608, 12.5096, -48.9540

Protanopia

17.5306, 4.5033, -31.6330

Deuteranopia

17.4808, -0.9367, -19.8274



Tritanopia

17.7316, -8.8474, -3.0640

Trichromacy



Original Color

17.5608, 12.5096, -48.9540

Protanomaly

17.4875, 7.5448, -38.1449

Deuteranomaly

17.3631, 3.6335, -29.5460

Tritanomaly

17.2097, -2.4336, -16.2571

Monochromacy



Original Color

17.5608, 12.5096, -48.9540

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.6342, 1.2620, -13.1171

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.5608, 12.5096, -48.9540 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, 43, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 43, 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, 43, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 43, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 17.5608, 12.5096, -48.9540 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, 43, 120) }
```


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

```
.border{ border-color:rgb(0, 43, 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, 43, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 43, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 43, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 43, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.5608, 12.5096, -48.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 43, 120) }
```

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

```
.background{ background-color: rgb(0, 43,  
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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