

Converting Colors

HunterLab(17.3481, 17.1962,
-58.8051)

Have a look what the booklet for
HunterLab(17.3481, 17.1962,
-58.8051) contains.

HunterLab(17.3481, 17.1962, -58.8051)	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(17.3481, 17.1962,
-58.8051)**

Conversions

Conversions Part 1

Format	Color
Hex	002780
RGB	0, 39, 128
RGB Percent	0%, 15%, 50%
CMY	0.9999, 0.8471, 0.4980
CMYK	1.00, 0.70, 0.00, 0.50
HSL	222°, 100%, 25%
HSV	222°, 100%, 50%
XYZ	4.6218, 3.0096, 20.7594
YIQ	37.4850, -51.8130, 19.4110

Conversions

Conversions Part 2

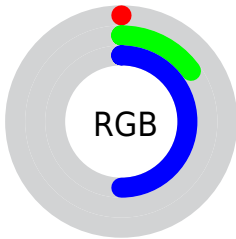
Format	Color
RYB	0, 30, 128
Decimal	10112
CIELab	20.08, 26.97, -52.90
CIELCh	20, 59.380, 297.018
Yxy	3.0096, 0.1628, 0.1060
Android (android.graphics.Color)	4278200192 (0xFF002780)
YUV	37.4850, 44.6239, -32.8743
Hunter-Lab	17.3481, 17.1962, -58.8051

Details

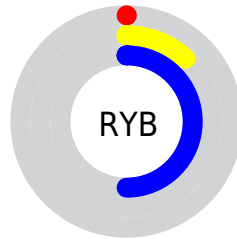
The HunterLab color **17.3481, 17.1962, -58.8051** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **34.2595, 5.0497, 21.1981**, and the grayscale version is **13.6319, -0.7274, 0.7406**.

A 20% lighter version of the original color is **33.6716, 19.2978, -56.8412**, and **7.4166, 20.1175, -52.6980** is the 20% darker color. If you saturate the color by 10%, you get **17.3456, 17.2029, -58.8167**, and if you desaturate by 10%, it is **19.3610, 13.2533, -50.3777**.

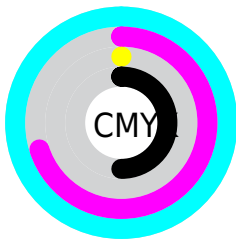
Distribution



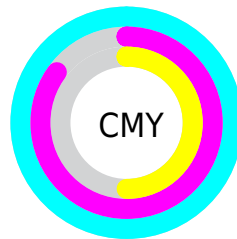
- Red (0%)
- Green (15%)
- Blue (50%)



- Red (0%)
- Yellow (12%)
- Blue (50%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (85%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.3481, 17.1962, -58.8051 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 17.3481, 17.1962, -58.8051 by changing the saturation by 10% instead.

■ 17.3481, 17.1962,
-58.8051

■ 17.3481, 17.1962,
-58.8051

■ 113.3169, 24.0194,
-61.2874

■ 10.6619, 15.8250,
-63.4876

■ 33.6165, 19.5069,
-56.8279

■ 0.9549, 123.0431,
-442.2812

■ 42.9973, 20.4532,
-57.0525

0.0000, NaN, -NF

■ 53.1177, 21.2802,
-57.5734

0.0000, NaN, -NF

■ 63.9270, 22.0012,
-58.2452

0.0000, NaN, -NF

■ 75.3839, 22.6272,
-58.9894

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.4536, 23.1674,

0.0000, NaN, NaN

-59.7607

0.0000, NaN, NaN

100.1065, 23.6293,
-60.5322

17.3481, 17.1962,
-58.8051

17.3481, 17.1962,
-58.8051

17.3456, 17.2029,
-58.8167

19.3610, 13.2533,
-50.3777

21.6329, 9.7191,
-42.4716

24.1669, 6.7668,
-35.0929

26.9196, 4.3585,
-28.3156

29.8551, 2.4237,
-22.1179

■ 32.9450, 0.8873,
-16.4370

■ 36.1669, -0.3189,
-11.1988

■ 39.5031, -1.2522,
-6.3319

■ 42.9398, -1.9598,
-1.7734

Harmonies

Analogous

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



17.3482, -2.6458, -71.3090



17.3481, 17.1962, -58.8051



17.3482, 37.3765, -27.1560

Triad

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



17.3482, 17.1975, -58.8047



17.3482, 21.5042, 12.1438



17.3482, -23.5118, 2.5312

Complementary

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



17.3481, 17.1962, -58.8051



34.2595, 5.0497, 21.1981

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.



17.3482, -21.1158, 11.5943



17.3481, 17.1962, -58.8051



17.3482, 0.8623, 12.1438

Square

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



17.3482, 17.1975, -58.8047



17.3482, 40.4799, 10.3158



17.3482, -13.7385, 12.1438



17.3482, -21.9042, -20.8536

Rectangle

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



17.3481, 17.1962, -58.8051



17.3482, 45.6614, -7.9152



17.3482, -13.7385, 12.1438



17.3482, -23.1508, 6.7143

Sweetspot

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



17.3482, 17.1975, -58.8047



47.6835, -0.3231, -15.3316



40.1677, -28.2584, 10.7972



22.3315, 0.1011, -8.5883



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



17.3482, 17.1975, -58.8047



22.5098, 24.2171, -80.4131



13.2166, 34.4183, -82.8679



20.9972, -0.9774, -0.6700



17.2788, 17.1126, -58.5383

0.0000, NaN, NaN

Inverse Universe

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



21.7625, 37.9376, 8.8450



28.8349, 50.1938, 12.3284



42.9113, -18.9766, 26.1088



20.8906, 0.8454, 1.0216



21.6700, 37.7815, 8.8019

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 17.3481, 17.1962, -58.8051 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 17.3481, 17.1962, -58.8051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

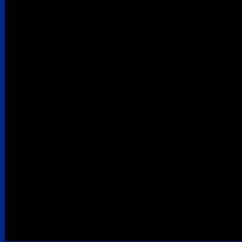
Any Text WCAG AA × Fail

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 17.3481, 17.1962, -58.8051 Background



This preview shows how black text looks on a background with the HunterLab color 17.3481, 17.1962, -58.8051.



This preview shows how white text looks on a background with the HunterLab color 17.3481, 17.1962, -58.8051.

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

17.3481, 17.1962, -58.8051

Protanopia

17.4742, 4.2116, -30.9330

Deuteranopia

17.4343, -1.1917, -19.2187



Tritanopia

17.4295, -8.6886, -3.0291

Trichromacy



Original Color

17.3481, 17.1962, -58.8051

Protanomaly

17.3910, 8.6470, -40.4036

Deuteranomaly

17.2413, 4.6708, -31.6330

Tritanomaly

16.7963, -1.1286, -18.5576

Monochromacy



Original Color

17.3481, 17.1962, -58.8051

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

14.2219, 2.4141, -15.3506

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.3481, 17.1962, -58.8051 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, 39, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 39, 128)  
}
```

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, 39, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 39, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 17.3481, 17.1962, -58.8051 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, 39, 128) }
```


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

```
.border{ border-color:rgb(0, 39, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 39, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 39, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 39, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 39, 128)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.3481, 17.1962, -58.8051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 39, 128) }
```

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

```
.background{ background-color: rgb(0, 39,  
128) }
```

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