

Converting Colors

HunterLab(17.5243, 18.0435,
-60.8546)

Have a look what the booklet for
HunterLab(17.5243, 18.0435,
-60.8546) contains.

HunterLab(17.5007, 17.8706, -60.4519)	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(17.5007, 17.8706,
-60.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	002782
RGB	0, 39, 130
RGB Percent	0%, 15%, 51%
CMY	0.9999, 0.8471, 0.4902
CMYK	1.00, 0.70, 0.00, 0.49
HSL	222°, 100%, 25%
HSV	222°, 100%, 51%
XYZ	4.7548, 3.0627, 21.4597
YIQ	37.7130, -52.4550, 20.0330

Conversions

Conversions Part 2

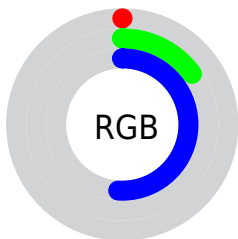
Format	Color
RYB	0, 30, 130
Decimal	10114
CIELab	20.29, 27.80, -53.82
CIElCh	20, 60.571, 297.318
Yxy	3.0628, 0.1624, 0.1046
Android (android.graphics.Color)	4278200194 (0xFF002782)
YUV	37.7130, 45.4975, -33.0743
Hunter-Lab	17.5007, 17.8706, -60.4519

Details

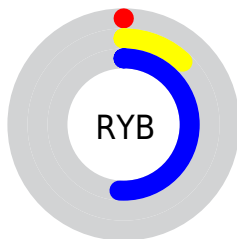
The HunterLab color **17.5007, 17.8706, -60.4519** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **34.9730, 4.8863, 21.6350**, and the grayscale version is **13.7022, -0.7311, 0.7445**.

A 20% lighter version of the original color is **33.8579, 20.0742, -58.1951**, and **7.6104, 20.6433, -54.0753** is the 20% darker color. If you saturate the color by 10%, you get **17.4983, 17.8773, -60.4633**, and if you desaturate by 10%, it is **19.5436, 13.8092, -51.7855**.

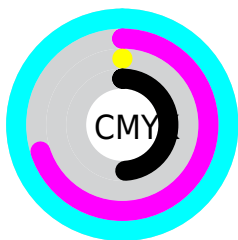
Distribution



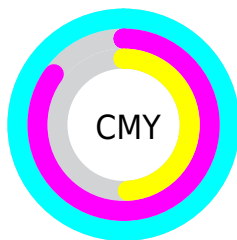
- Red (0%)
- Green (15%)
- Blue (51%)



- Red (0%)
- Yellow (12%)
- Blue (51%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (85%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.5007, 17.8706, -60.4519 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 17.5007, 17.8706, -60.4519 by changing the saturation by 10% instead.

■ 17.5007, 17.8706,
-60.4519

■ 17.5007, 17.8706,
-60.4519

■ 113.6018, 24.9910,
-62.7373

■ 10.7917, 16.4699,
-65.3297

■ 33.8066, 20.2509,
-58.3115

■ 1.8030, 67.0842,
-244.6793

■ 43.2037, 21.2323,
-58.5034

0.0000, NaN, -NF

■ 53.3391, 22.0937,
-59.0072

0.0000, NaN, -NF

■ 64.1625, 22.8481,
-59.6721

0.0000, NaN, -NF

■ 75.6327, 23.5067,
-60.4161

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.7150, 24.0784,

0.0000, NaN, NaN

-61.1920

0.0000, NaN, NaN

100.3800, 24.5710,
-61.9716

17.5007, 17.8706,
-60.4519

17.5007, 17.8706,
-60.4519

17.4983, 17.8773,
-60.4633

19.5436, 13.8092,
-51.7855

21.8581, 10.1649,
-43.6388

24.4444, 7.1157,
-36.0375

27.2569, 4.6247,
-29.0625

30.2581, 2.6198,
-22.6918

■ 33.4182, 1.0233,
-16.8592

■ 36.7141, -0.2351,
-11.4867

■ 40.1274, -1.2146,
-6.4994

■ 43.6438, -1.9638,
-1.8316

Harmonies

Analogous

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



17.5008, -2.5196, -73.7199



17.5007, 17.8706, -60.4519



17.5008, 38.5812, -27.6359

Triad

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



17.5008, 17.8720, -60.4515



17.5008, 21.8533, 12.2506



17.5008, -23.9117, 2.4194

Complementary

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



17.5007, 17.8706, -60.4519



34.9730, 4.8863, 21.6350

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.



17.5008, -21.5308, 11.7100



17.5007, 17.8706, -60.4519



17.5008, 0.7086, 12.2506

Square

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



17.5008, 17.8720, -60.4515



17.5008, 41.4573, 10.5472



17.5008, -14.1166, 12.2506



17.5008, -22.2463, -21.7827

Rectangle

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



17.5007, 17.8706, -60.4519



17.5008, 47.0227, -7.8892



17.5008, -14.1166, 12.2506



17.5008, -23.5603, 6.7332

Sweetspot

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



17.5008, 17.8720, -60.4515



48.4134, -0.2090, -15.7198



40.8912, -28.4683, 10.3459



22.2963, 0.1618, -8.6442



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.



17.5008, 17.8720, -60.4515



22.7162, 25.1275, -82.6362



13.5346, 35.0793, -83.5608



20.9899, -0.9652, -0.6791



17.1663, 17.4183, -59.0575

0.0000, NaN, NaN

Inverse Universe

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



22.1194, 38.5381, 9.1598



29.3124, 50.9981, 12.7424



43.4841, -19.8917, 26.4458



20.8898, 0.8413, 1.0323



21.6610, 37.7483, 8.9339

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 17.5007, 17.8706, -60.4519 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 17.5007, 17.8706, -60.4519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

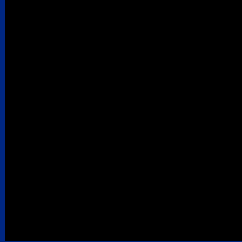
Any Text WCAG AA × Fail

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 17.5007, 17.8706, -60.4519 Background



This preview shows how black text looks on a background with the HunterLab color 17.5007, 17.8706, -60.4519.



This preview shows how white text looks on a background with the HunterLab color 17.5007, 17.8706, -60.4519.

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

17.5007, 17.8706, -60.4519

Protanopia

17.5306, 4.5033, -31.6330

Deuteranopia

17.4808, -0.9367, -19.8274



Tritanopia

17.7316, -8.8474, -3.0640

Trichromacy



Original Color

17.5007, 17.8706, -60.4519

Protanomaly

17.4546, 8.9598, -41.1583

Deuteranomaly

17.3560, 5.2602, -33.0487

Tritanomaly

17.1379, -1.0332, -19.1906

Monochromacy



Original Color

17.5007, 17.8706, -60.4519

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.2666, 2.6486, -15.9368

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.5007, 17.8706, -60.4519 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 39, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 39, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 17.5007, 17.8706, -60.4519 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, 130) }
```


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

```
.border{ border-color:rgb(0, 39, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 39, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 39, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 39, 130)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.5007, 17.8706, -60.4519 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, 130) }
```

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

```
.background{ background-color: rgb(0, 39,  
130) }
```

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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