

Converting Colors

HunterLab(17.8024, 17.9564,
-46.8415)

Have a look what the booklet for
HunterLab(17.8024, 17.9564,
-46.8415) contains.

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Color

**HunterLab(17.8024, 17.9564,
-46.8415)**

Conversions

Conversions Part 1

Format	Color
Hex	282677
RGB	40, 38, 119
RGB Percent	16%, 15%, 47%
CMY	0.8431, 0.8510, 0.5333
CMYK	0.66, 0.68, 0.00, 0.53
HSL	241°, 52%, 31%
HSV	241°, 68%, 47%
XYZ	4.8980, 3.1693, 17.8064
YIQ	47.8320, -24.8090, 25.6150

Conversions

Conversions Part 2

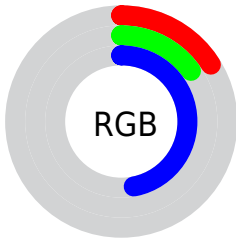
Format	Color
R_{YB}	40, 38, 119
Decimal	2631287
CIE _{Lab}	20.71, 27.83, -46.08
CIE _{LCh}	21, 53.833, 301.135
Yxy	3.1693, 0.1893, 0.1225
Android (android.graphics.Color)	4280821367 (0xFF282677)
YUV	47.8320, 35.0858, -6.8687
Hunter-Lab	17.8024, 17.9564, -46.8415

Details

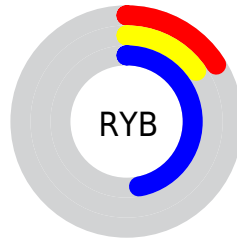
The HunterLab color **17.8024, 17.9564, -46.8415** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **41.3706, -10.7756, 22.6758**, and the grayscale version is **17.0296, -0.9087, 0.9253**.

A 20% lighter version of the original color is **34.1348, 20.6039, -46.3977**, and **6.6498, 18.0375, -47.2495** is the 20% darker color. If you saturate the color by 10%, you get **15.2567, 22.3377, -58.0325**, and if you desaturate by 10%, it is **20.7950, 13.9295, -36.7034**.

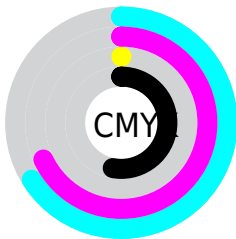
Distribution



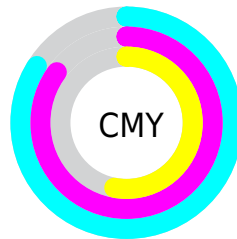
- Red (16%)
- Green (15%)
- Blue (47%)



- Red (16%)
- Yellow (15%)
- Blue (47%)



- Cyan (66%)
- Magenta (68%)
- Yellow (0%)
- Black (53%)



- Cyan (84%)
- Magenta (85%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8024, 17.9564, -46.8415 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 17.8024, 17.9564, -46.8415 by changing the saturation by 10% instead.

■ 17.8024, 17.9564,
-46.8415

■ 17.8024, 17.9564,
-46.8415

■ 114.1636, 25.0510,
-50.9479

■ 11.0488, 16.5584,
-49.3787

■ 34.1821, 20.3274,
-46.3501

■ 2.8030, 43.1225,
-118.9520

■ 43.6110, 21.3052,
-46.8299

0.0000, NaN, -NF

■ 53.7760, 22.1636,
-47.4676

0.0000, NaN, -NF

■ 64.6271, 22.9155,
-48.1718

0.0000, NaN, NaN

■ 76.1234, 23.5718,
-48.8939

0.0000, NaN, NaN

■ 88.2305, 24.1416,

0.0000, NaN, NaN

-49.6066

0.0000, NaN, NaN

100.9191, 24.6326,
-50.2943

17.8024, 17.9564,
-46.8415

17.8024, 17.9564,
-46.8415

15.2567, 22.3377,
-58.0325

20.7950, 13.9295,
-36.7034

13.2991, 26.6161,
-69.1474

24.1232, 10.3596,
-27.8496

11.8967, 30.4904,
-79.1160

27.7095, 7.2062,
-20.1434

11.6229, 31.3637,
-81.3183

31.5000, 4.3911,
-13.3631

35.4576, 1.8393,
-7.3025

■ 39.5557, -0.5105,
-1.7950

■ 43.7747, -2.7057,
3.2876

■ 48.0999, -4.7823,
8.0421

■ 52.5201, -6.7673,
12.5416

Harmonies

Analogous

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



17.8026, -0.3360, -60.3508



17.8024, 17.9564, -46.8415



17.8026, 34.8895, -19.7959

Triad

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



17.8026, 17.9572, -46.8409



17.8026, 16.5090, 12.4618



17.8026, -22.4771, 0.3782

Complementary

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



17.8024, 17.9564, -46.8415



41.3706, -10.7756, 22.6758

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.



17.8026, -20.7034, 10.1989



17.8024, 17.9564, -46.8415



17.8026, -1.5575, 12.4618

Square

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



17.8026, 17.9572, -46.8409



17.8026, 33.8660, 10.6290



17.8026, -14.2509, 12.4618



17.8026, -20.3995, -21.8398

Rectangle

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



17.8024, 17.9564, -46.8415



17.8026, 40.8948, -4.1684



17.8026, -14.2509, 12.4618



17.8026, -22.3184, 4.9218

Sweetspot

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



17.8026, 17.9572, -46.8409



46.1375, 3.2670, -11.6755



38.2343, -17.5798, -3.8121



21.8699, 1.9640, -6.5692



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.



17.8026, 17.9572, -46.8409



18.7330, 33.4192, -86.7875



21.0169, 25.3780, -35.8410



18.9573, -0.1422, -1.1135



11.9776, 32.3260, -83.8407



26.3358, 71.2844, -185.9526

Inverse Universe

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



25.6757, 35.0967, -22.4240



31.8331, 54.9724, -35.0650



38.6234, -21.2859, 20.6121



19.3816, 1.2905, -0.4871



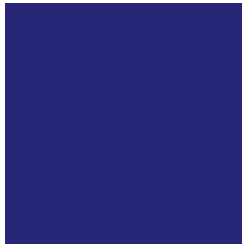
23.4684, 45.9036, -29.1230



51.7879, 101.2670, -64.0428

Previews

White Background



This preview shows how the HunterLab color 17.8024, 17.9564, -46.8415 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 17.8024, 17.9564, -46.8415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

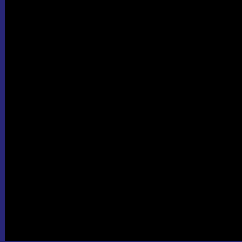
Any Text WCAG AA × Fail

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 17.8024, 17.9564, -46.8415 Background



This preview shows how black text looks on a background with the HunterLab color 17.8024, 17.9564, -46.8415.



This preview shows how white text looks on a background with the HunterLab color 17.8024, 17.9564, -46.8415.

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

17.8024, 17.9564, -46.8415

Protanopia

17.5306, 4.5033, -31.6330

Deuteranopia

17.7780, -1.0959, -19.8552



Tritanopia

17.7612, -8.6727, -3.4781

Trichromacy



Original Color

17.8024, 17.9564, -46.8415

Protanomaly

17.2790, 9.0636, -37.8757

Deuteranomaly

17.4225, 5.0174, -29.3476

Tritanomaly

17.0067, -0.5777, -16.6699

Monochromacy



Original Color

17.8024, 17.9564, -46.8415

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.8928, 4.4506, -12.2512

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8024, 17.9564, -46.8415 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(40, 38, 119)` looks like.

```
.text, #text, p{  
    color:rgb(40, 38, 119)  
}
```

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(40, 38, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 38, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8024, 17.9564, -46.8415 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(40, 38, 119) }
```


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

```
.border{ border-color:rgb(40, 38, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 38, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 38, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 38, 119);  
box-shadow:4px 4px 4px 4px rgb(40, 38,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.8024, 17.9564, -46.8415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 38, 119) }
```

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

```
.background{ background-color: rgb(40, 38,  
119) }
```

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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