

Converting Colors

HunterLab(42.4551, -4.5496,
-17.0490)

Have a look what the booklet for
HunterLab(42.4551, -4.5496,
-17.0490) contains.

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Color

**HunterLab(42.4497, -4.5199,
-17.2344)**

Conversions

Conversions Part 1

Format	Color
Hex	56799B
RGB	86, 121, 155
RGB Percent	34%, 47%, 61%
CMY	0.6627, 0.5255, 0.3922
CMYK	0.45, 0.22, 0.00, 0.39
HSL	210°, 29%, 47%
HSV	210°, 45%, 61%
XYZ	16.5915, 18.0198, 33.6141
YIQ	114.4110, -31.7740, 3.1540

Conversions

Conversions Part 2

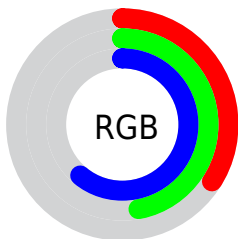
Format	Color
R _Y B	86, 109, 155
Decimal	5667227
CIE Lab	49.52, -2.98, -22.20
CIE LCh	50, 22.403, 262.367
Yxy	18.0204, 0.2432, 0.2641
Android (android.graphics.Color)	4283857307 (0xFF56799B)
YUV	114.4110, 20.0104, -24.9164
Hunter-Lab	42.4497, -4.5199, -17.2344

Details

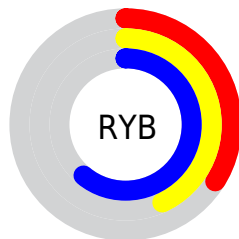
The HunterLab color $42.4497, -4.5199, -17.2344$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $45.9064, 4.8741, 17.0009$, and the grayscale version is $41.1138, -2.1937, 2.2338$.

A 20% lighter version of the original color is $63.2687, -5.7004, -18.2524$, and $24.7076, -3.2079, -16.2592$ is the 20% darker color. If you saturate the color by 10%, you get $39.4705, -3.8403, -22.3279$, and if you desaturate by 10%, it is $45.5722, -4.7719, -12.3475$.

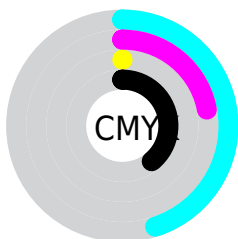
Distribution



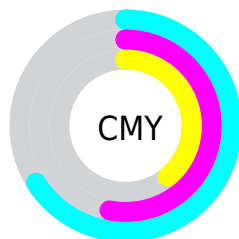
- Red (34%)
- Green (47%)
- Blue (61%)



- Red (34%)
- Yellow (43%)
- Blue (61%)



- Cyan (45%)
- Magenta (22%)
- Yellow (0%)
- Black (39%)



- Cyan (66%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4497, -4.5199, -17.2344 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 42.4497, -4.5199, -17.2344 by changing the saturation by 10% instead.

■ 42.4497, -4.5199,
-17.2344

■ 42.4497, -4.5199,
-17.2344

155.2373,
-11.7834, -18.5652

■ 33.1129, -3.8384,
-16.7905

■ 63.3026, -5.9612,
-17.9362

■ 24.5827, -3.1820,
-16.3015

■ 74.7241, -6.7202,
-18.1932

■ 16.9449, -2.5490,
-15.8113

■ 86.7602, -7.5043,
-18.3898

■ 10.3195, -1.9340,
-15.4692

■ 99.3811, -8.3130,
-18.5288

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.5608, -9.1458,
-18.6132

0.0000, NaN, NaN

126.2765,

0.0000, NaN, NaN

-10.0022, -18.6457

0.0000, NaN, NaN

140.5080,
-10.8815, -18.6289

■ 42.4497, -4.5199,
-17.2344

■ 42.4497, -4.5199,
-17.2344

■ 39.4705, -3.8403,
-22.3279

■ 45.5722, -4.7719,
-12.3475

■ 36.6480, -2.6755,
-27.6344

■ 48.8214, -4.6493,
-7.6581

■ 33.9998, -0.9704,
-33.1440

■ 52.1859, -4.2008,
-3.1491

■ 31.5429, 1.3193,
-38.8300

■ 55.6547, -3.4685,
1.1971

■ 29.2908, 4.2088,
-44.6489

■ 59.2185, -2.4887,
5.3984

■ 28.1149, 5.9421,
-47.9685

■ 62.8691, -1.2926,
9.4717

■ 66.5996, 0.0936,
13.4329

■ 70.4039, 1.6476,
17.2960

■ 74.2766, 3.3505,
21.0738

Harmonies

Analogous

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



42.4505, -12.2340, -12.7352



42.4497, -4.5199, -17.2344



42.4505, 4.4537, -15.7012

Triad

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



42.4505, -4.5201, -17.2336



42.4505, 14.7738, 8.0586



42.4505, -15.0058, 11.1093

Complementary

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



42.4497, -4.5199, -17.2344



45.9064, 4.8741, 17.0009

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.



42.4505, -8.5946, 14.7922



42.4497, -4.5199, -17.2344



42.4505, 8.7132, 13.3009

Square

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



42.4505, -4.5201, -17.2336



42.4505, 16.0909, 0.0874



42.4505, 0.0334, 15.5023



42.4505, -17.9543, 4.4199

Rectangle

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



42.4497, -4.5199, -17.2344



42.4505, 9.9109, -11.5870



42.4505, 0.0334, 15.5023



42.4505, -13.2107, 12.6782

Sweetspot

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



42.4505, -4.5201, -17.2336



70.4148, -5.5179, -3.4694



51.7319, -25.2806, 11.3045



33.0463, -2.7052, -2.2375



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



42.4505, -4.5201, -17.2336



53.0079, -5.1971, -29.5458



33.4460, 11.7844, -34.1573



25.5309, -1.8178, -0.3909



25.3483, 5.0348, -42.5518



4.1087, -1.0540, -2.8601

Inverse Universe

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



38.7366, 25.7408, -3.3683



47.7199, 42.4882, -5.0958



55.4099, -10.8627, 24.5318



25.0446, 1.3086, 0.6437



24.6048, 43.9927, 1.5092



3.1281, 5.8101, -1.4908

Previews

White Background



This preview shows how the HunterLab color 42.4497, -4.5199, -17.2344 looks on a white background.

Color Contrast Check

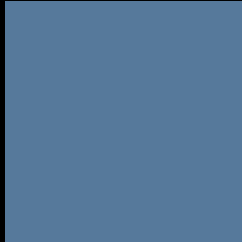
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.4497, -4.5199, -17.2344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

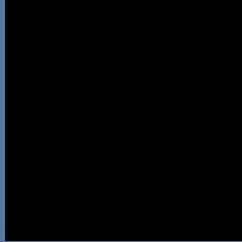
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

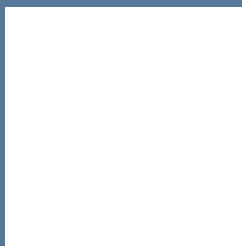
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.4497, -4.5199, -17.2344 Background



This preview shows how black text looks on a background with the HunterLab color 42.4497, -4.5199, -17.2344.

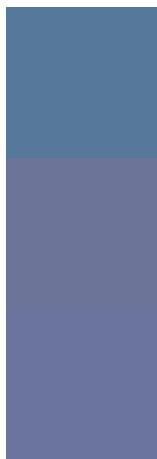


This preview shows how white text looks on a background with the HunterLab color 42.4497, -4.5199, -17.2344.

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

42.4497, -4.5199, -17.2344

Protanopia

42.3241, 1.9130, -14.9011

Deuteranopia

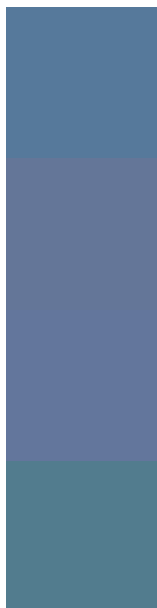
42.4463, 2.7164, -17.7308



Tritanopia

42.5699, -11.5377, -5.8952

Trichromacy



Original Color

42.4497, -4.5199, -17.2344

Protanomaly

42.3476, -0.7591, -15.5093

Deuteranomaly

42.4380, -0.1342, -17.7945

Tritanomaly

42.6171, -9.3663, -9.5067

Monochromacy



Original Color

42.4497, -4.5199, -17.2344

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

41.5339, -3.7807, -4.1210

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4497, -4.5199, -17.2344 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(86, 121, 155)` looks like.

```
.text, #text, p{  
    color:rgb(86, 121, 155)  
}
```

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(86, 121, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 121, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4497, -4.5199, -17.2344 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(86, 121, 155) }
```


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

```
.border{ border-color:rgb(86, 121, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 121, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 121, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 121, 155);  
box-shadow:4px 4px 4px 4px rgb(86, 121,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4497, -4.5199, -17.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 121, 155) }
```

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

```
.background{ background-color: rgb(86, 121,  
155) }
```

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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