

Converting Colors

HunterLab(42.4607, -16.4391,
4.8760)

Have a look what the booklet for
HunterLab(42.4607, -16.4391,
4.8760) contains.

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Color

**HunterLab(42.4640,
-16.4421, 4.8803)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 507F6F |
| RGB | 80, 127, 111 |
| RGB Percent | 31%, 50%, 44% |
| CMY | 0.6863, 0.5020, 0.5647 |
| CMYK | 0.37, 0.00, 0.13, 0.50 |
| HSL | 160°, 23%, 41% |
| HSV | 160°, 37%, 50% |
| XYZ | 13.7669, 18.0319, 17.7938 |
| YIQ | 111.1230, -22.8760, -14.9400 |

Conversions

Conversions Part 2

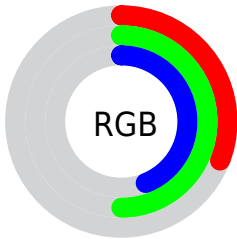
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 80, 108, 127 |
| Decimal | 5275503 |
| CIE _{Lab} | 49.54, -19.89, 3.65 |
| CIE _{LCh} | 50, 20.225, 169.613 |
| Yxy | 18.0326, 0.2776, 0.3636 |
| Android (android.graphics.Color) | 4283465583 (0xFF507F6F) |
| YUV | 111.1230, -0.0606, -27.2949 |
| Hunter-Lab | 42.4640, -16.4421, 4.8803 |

Details

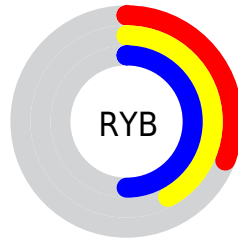
The HunterLab color **42.4640, -16.4421, 4.8803** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33.3082, 15.3065, 1.0925**, and the grayscale version is **39.9242, -2.1303, 2.1692**.

A 20% lighter version of the original color is **63.3342, -19.8230, 6.2414**, and **24.6961, -12.9575, 3.7008** is the 20% darker color. If you saturate the color by 10%, you get **41.7590, -19.3814, 5.7690**, and if you desaturate by 10%, it is **43.2855, -13.1216, 4.0913**.

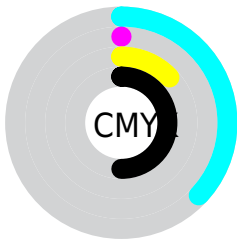
Distribution



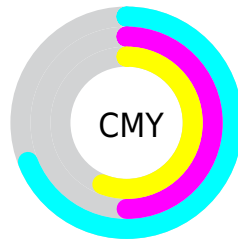
- Red (31%)
- Green (50%)
- Blue (44%)



- Red (31%)
- Yellow (42%)
- Blue (50%)



- Cyan (37%)
- Magenta (0%)
- Yellow (13%)
- Black (50%)



- Cyan (69%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4640, -16.4421, 4.8803 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 42.4640, -16.4421, 4.8803 by changing the saturation by 10% instead.

■ 42.4640, -16.4421,
4.8803

■ 42.4640, -16.4421,
4.8803

155.2595,
-31.0529, 12.4846

■ 33.1262, -14.6491,
4.1545

■ 63.3190, -19.8501,
6.4044

■ 24.5947, -12.7590,
3.4499

■ 74.7414, -21.4965,
7.2025

■ 16.9555, -10.7214,
2.7633

■ 86.7785, -23.1184,
8.0246

■ 10.3284, -9.1271,
2.0951

■ 99.4002, -24.7228,
8.8705

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.5807,
-26.3148, 9.7399

0.0000, NaN, NaN

126.2971,

0.0000, NaN, NaN

-27.8985, 10.6323

0.0000, NaN, NaN

140.5294,
-29.4770, 11.5473

■ 42.4640, -16.4421,
4.8803

■ 42.4640, -16.4421,
4.8803

■ 41.7590, -19.3814,
5.7690

■ 43.2855, -13.1216,
4.0913

■ 41.1664, -21.9193,
6.7457

■ 44.2206, -9.4439,
3.4081

■ 40.6841, -24.0473,
7.7978

■ 45.2688, -5.4403,
2.8362

■ 40.3068, -25.7677,
8.9103

■ 46.4276, -1.1441,
2.3779

■ 40.0271, -27.0970,
10.0657

■ 47.6938, 3.4099,
2.0336

■ 39.8255, -28.1045,
11.2354

■ 49.0633, 8.1878,
1.8015

■ 39.7691, -28.3890,
11.5759

■ 50.5319, 13.1572,
1.6785

■ 52.0950, 18.2882,
1.6602

■ 53.7478, 23.5539,
1.7415

Harmonies

Analogous

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



42.4649, -13.4240, 10.7863



42.4640, -16.4421, 4.8803



42.4649, -15.8842, -2.9327

Triad

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



42.4649, -16.4427, 4.8808



42.4649, 3.0522, -14.0248



42.4649, 8.2312, 12.0649

Complementary

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



42.4640, -16.4421, 4.8803



33.3082, 15.3065, 1.0925

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.



42.4649, 13.3143, 6.9619



42.4640, -16.4421, 4.8803



42.4649, 10.1735, -8.3759

Square

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



42.4649, -16.4427, 4.8808



42.4649, -5.0223, -14.8671



42.4649, 14.0504, -0.4292



42.4649, 0.5581, 14.3914

Rectangle

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



42.4640, -16.4421, 4.8803



42.4649, -13.5440, -8.1865



42.4649, 14.0504, -0.4292



42.4649, 10.3230, 10.6671

Sweetspot

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



42.4649, -16.4427, 4.8808



59.9623, -9.6095, 4.1024



42.7434, -16.7147, 15.5179



28.9381, -4.9384, 2.0260



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.



42.4649, -16.4427, 4.8808



56.0537, -25.2062, 7.4771



40.8159, -10.8575, -4.2074



22.0517, -3.0864, 1.4426



39.9372, -28.5113, 11.6297

0.0000, NaN, NaN

Inverse Universe

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



33.3082, 15.3065, 1.0925



41.4449, 25.7609, 1.6260



34.5198, 9.9832, 8.4099



20.8963, 0.8762, 0.9400



21.7438, 38.0529, 7.7253

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.4640, -16.4421, 4.8803 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 42.4640, -16.4421, 4.8803 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 42.4640, -16.4421, 4.8803 Background



This preview shows how black text looks on a background with the HunterLab color 42.4640, -16.4421, 4.8803.



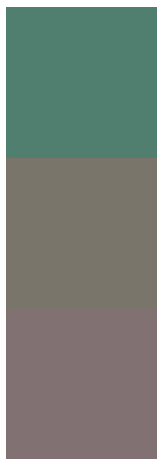
This preview shows how white text looks on a background with the HunterLab color 42.4640,

-16.4421, 4.8803.

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

42.4640, -16.4421, 4.8803

Protanopia

42.3093, -2.3665, 6.9211

Deuteranopia

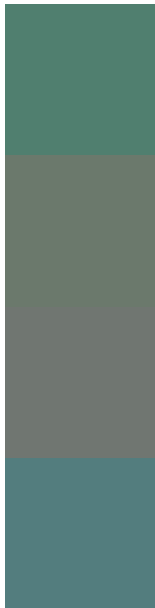
42.1556, 3.0732, 3.6397



Tritanopia

42.5063, -10.3159, -5.4483

Trichromacy



Original Color

42.4640, -16.4421, 4.8803

Protanomaly

42.2886, -8.1256, 6.0246

Deuteranomaly

41.9450, -4.7140, 3.6808

Tritanomaly

42.4412, -12.5864, -1.6430

Monochromacy



Original Color

42.4640, -16.4421, 4.8803

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

40.7181, -7.7525, 3.0562

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4640, -16.4421, 4.8803 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(80, 127, 111)` looks like.

```
.text, #text, p{  
    color:rgb(80, 127, 111)  
}
```

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(80, 127, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 127, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4640, -16.4421, 4.8803 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(80, 127, 111) }
```


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

```
.border{ border-color:rgb(80, 127, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 127, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 127, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 127, 111);  
box-shadow:4px 4px 4px 4px rgb(80, 127,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4640, -16.4421, 4.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 127, 111) }
```

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

```
.background{ background-color: rgb(80, 127,  
111) }
```

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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