

Converting Colors

HunterLab(42.4840, -0.2328,
-17.2409)

Have a look what the booklet for
HunterLab(42.4840, -0.2328,
-17.2409) contains.

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Color

**HunterLab(42.4650, -0.1211,
-17.1323)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 64769B |
| RGB | 100, 118, 155 |
| RGB Percent | 39%, 46%, 61% |
| CMY | 0.6078, 0.5372, 0.3922 |
| CMYK | 0.35, 0.24, 0.00, 0.39 |
| HSL | 220°, 22%, 50% |
| HSV | 220°, 35%, 61% |
| XYZ | 17.6504, 18.0328, 33.5607 |
| YIQ | 116.8360, -22.6050, 7.6910 |

Conversions

Conversions Part 2

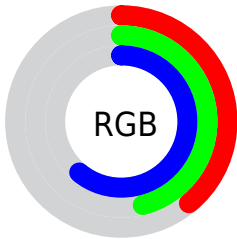
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 100, 114, 155 |
| Decimal | 6583963 |
| CIE _{Lab} | 49.54, 2.78, -22.11 |
| CIE _{LCh} | 50, 22.280, 277.163 |
| Yxy | 18.0335, 0.2549, 0.2604 |
| Android (android.graphics.Color) | 4284774043 (0xFF64769B) |
| YUV | 116.8360, 18.8149, -14.7652 |
| Hunter-Lab | 42.4650, -0.1211, -17.1323 |

Details

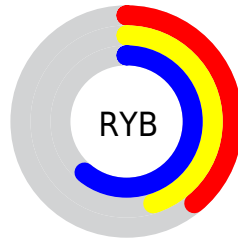
The HunterLab color $42.4650, -0.1211, -17.1323$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $50.7744, -1.7964, 17.1761$, and the grayscale version is $42.0502, -2.2437, 2.2847$.

A 20% lighter version of the original color is $63.3072, -0.9465, -18.1107$, and $24.6128, 0.4723, -16.3742$ is the 20% darker color. If you saturate the color by 10%, you get $38.6140, 1.4681, -23.7960$, and if you desaturate by 10%, it is $46.4717, -1.3232, -10.9518$.

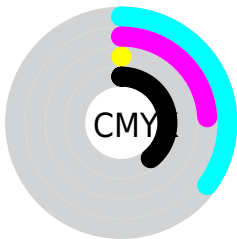
Distribution



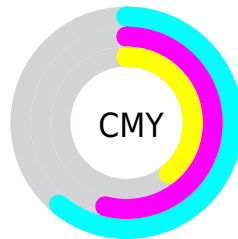
- Red (39%)
- Green (46%)
- Blue (61%)



- Red (39%)
- Yellow (45%)
- Blue (61%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)
- Black (39%)



- Cyan (61%)
- Magenta (54%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4650, -0.1211, -17.1323 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 42.4650, -0.1211, -17.1323 by changing the saturation by 10% instead.

■ 42.4650, -0.1211,
-17.1323

■ 42.4650, -0.1211,
-17.1323

■ 155.2609, -5.0043,
-18.4354

■ 33.1270, 0.2103,
-16.6910

■ 63.3201, -0.9351,
-17.8280

■ 24.5955, 0.4834,
-16.2038

■ 74.7426, -1.4082,
-18.0819

■ 16.9562, 0.6882,
-15.7140

■ 86.7797, -1.9210,
-18.2753

■ 10.3290, 0.8090,
-15.3681

■ 99.4015, -2.4709,
-18.4112

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.5820, -3.0560,
-18.4924

0.0000, NaN, NaN

■ 126.2985, -3.6742,

0.0000, NaN, NaN

-18.5218

0.0000, NaN, NaN

140.5308, -4.3241,
-18.5020

■ 42.4650, -0.1211,
-17.1323

■ 42.4650, -0.1211,
-17.1323

■ 38.6140, 1.4681,
-23.7960

■ 46.4717, -1.3232,
-10.9518

■ 34.9408, 3.5250,
-31.0289

■ 50.6121, -2.2034,
-5.1793

■ 31.4776, 6.1397,
-38.9067

■ 54.8713, -2.8163,
0.2542

■ 28.2632, 9.4046,
-47.4732

■ 59.2367, -3.2053,
5.4067

■ 25.3451, 13.3893,
-56.6916

■ 63.6979, -3.4056,
10.3260

■ 22.7729, 18.0820,
-66.3883

■ 68.2464, -3.4455,
15.0519

■ 21.7039, 20.3160,
-70.9845

■ 72.8752, -3.3480,
19.6170

■ 77.5782, -3.1318,
24.0482

■ 82.3502, -2.8122,
28.3677

Harmonies

Analogous

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



42.4658, -8.6838, -15.5142



42.4650, -0.1211, -17.1323



42.4658, 8.5282, -12.7487

Triad

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



42.4658, -0.1215, -17.1314



42.4658, 12.1888, 10.9872



42.4658, -16.8647, 8.1359

Complementary

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



42.4650, -0.1211, -17.1323



50.7744, -1.7964, 17.1761

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.



42.4658, -12.0832, 13.3104



42.4650, -0.1211, -17.1323



42.4658, 4.5526, 14.7055

Square

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



42.4658, -0.1215, -17.1314



42.4658, 16.0041, 4.2843



42.4658, -4.3730, 15.4589



42.4658, -17.8931, 0.2393

Rectangle

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



42.4650, -0.1211, -17.1323



42.4658, 13.0253, -7.4555



42.4658, -4.3730, 15.4589



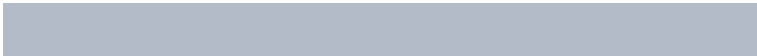
42.4658, -15.6632, 10.1982

Sweetspot

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



42.4658, -0.1215, -17.1314



70.1453, -3.3388, -3.7771



52.8668, -20.0294, 5.8231



33.0349, -1.5373, -2.2319



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.



42.4658, -0.1215, -17.1314



52.5065, 1.5751, -30.3294



38.3971, 10.9111, -24.0334



25.1796, -1.2365, -0.8217



19.6140, 17.7786, -62.8946



3.4497, -0.0172, -4.2746

Inverse Universe

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



41.7031, 18.3827, 1.6505



51.6628, 31.5235, 2.4825



55.1896, -12.9864, 20.8272



25.0087, 1.1154, 1.1555



24.0700, 42.0369, 9.2261



3.0467, 5.5177, -0.3579

Previews

White Background



This preview shows how the HunterLab color 42.4650, -0.1211, -17.1323 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 42.4650, -0.1211, -17.1323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

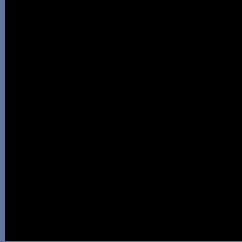
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

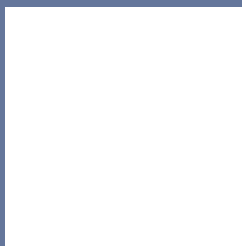
Any Text WCAG AAA × Fail

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

HunterLab 42.4650, -0.1211, -17.1323 Background



This preview shows how black text looks on a background with the HunterLab color 42.4650, -0.1211, -17.1323.

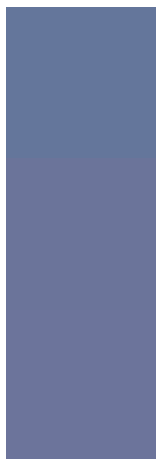


This preview shows how white text looks on a background with the HunterLab color 42.4650, -0.1211, -17.1323.

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

42.4650, -0.1211, -17.1323

Protanopia

42.3671, 2.2912, -16.6369

Deuteranopia

42.4800, 2.7501, -17.0575



Tritanopia

42.4475, -7.6573, -4.4696

Trichromacy



Original Color

42.4650, -0.1211, -17.1323

Protanomaly

42.4249, 1.0819, -16.5640

Deuteranomaly

42.5352, 1.5348, -16.9887

Tritanomaly

42.5554, -5.2588, -8.4374

Monochromacy



Original Color

42.4650, -0.1211, -17.1323

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.1198, -1.6077, -4.3002

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4650, -0.1211, -17.1323 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(100, 118, 155)` looks like.

```
.text, #text, p{  
    color:rgb(100, 118, 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(100, 118, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 118, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4650, -0.1211, -17.1323 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(100, 118, 155) }
```


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

```
.border{ border-color:rgb(100, 118, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 118, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 118, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 118, 155); box-shadow:4px 4px 4px 4px rgb(100, 118, 155) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4650, -0.1211, -17.1323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 118, 155) }
```

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

```
.background{ background-color: rgb(100,  
118, 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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