

# Converting Colors

HunterLab(41.8446, -0.2252,  
-16.6103)

Have a look what the booklet for  
HunterLab(41.8446, -0.2252,  
-16.6103) contains.

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# Color

**HunterLab(41.7258, -0.0452,  
-16.4997)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	637498
RGB	99, 116, 152
RGB Percent	39%, 45%, 60%
CMY	0.6118, 0.5451, 0.4039
CMYK	0.35, 0.24, 0.00, 0.40
HSL	221°, 21%, 49%
HSV	221°, 35%, 60%
XYZ	17.0585, 17.4104, 32.1672
YIQ	115.0210, -21.6880, 7.5920

# Conversions

## Conversions Part 2

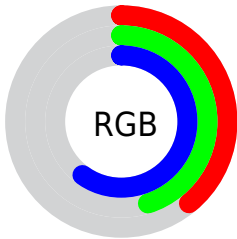
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 112, 152
Decimal	6517912
CIE Lab	48.77, 2.84, -21.52
CIE LCh	49, 21.711, 277.519
Yxy	17.4111, 0.2560, 0.2613
Android (android.graphics.Color)	4284707992 (0xFF637498)
YUV	115.0210, 18.2306, -14.0504
Hunter-Lab	41.7258, -0.0452, -16.4997

# Details

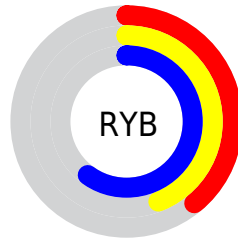
The HunterLab color  $41.7258, -0.0452, -16.4997$  is a dark color, and the websafe version is hex  $666699$ . A complement of this color would be  $49.9045, -1.9704, 16.6912$ , and the grayscale version is  $41.3524, -2.2065, 2.2468$ .

A 20% lighter version of the original color is  $62.4826, -1.0558, -16.9258$ , and  $23.9832, 0.6871, -15.6465$  is the 20% darker color. If you saturate the color by 10%, you get  $37.9269, 1.5271, -23.0414$ , and if you desaturate by 10%, it is  $45.6765, -1.2438, -10.4358$ .

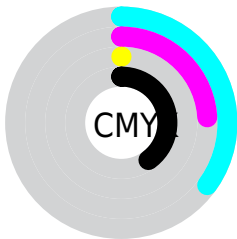
# Distribution



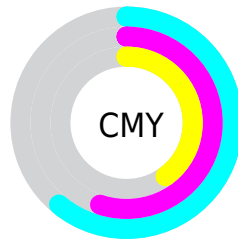
- Red (39%)
- Green (45%)
- Blue (60%)



- Red (39%)
- Yellow (44%)
- Blue (60%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (61%)
- Magenta (55%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.7258, -0.0452, -16.4997 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 41.7258, -0.0452, -16.4997 by changing the saturation by 10% instead.



■ 41.7258, -0.0452,  
-16.4997

■ 41.7258, -0.0452,  
-16.4997

■ 154.1202, -4.8770,  
-17.6812

■ 32.4469, 0.2782,  
-16.0690

■ 62.4750, -0.8453,  
-17.1705

■ 23.9801, 0.5425,  
-15.5904

■ 73.8493, -1.3121,  
-17.4109

■ 16.4132, 0.7369,  
-15.1060

■ 85.8406, -1.8191,  
-17.5906

■ 9.8697, 0.8452,  
-14.7646

■ 98.4187, -2.3635,  
-17.7126

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.5575, -2.9432,  
-17.7799

0.0000, NaN, NaN

■ 125.2338, -3.5564,

0.0000, NaN, NaN

-17.7953

0.0000, NaN, NaN

139.4275, -4.2015,  
-17.7616

■ 41.7258, -0.0452,  
-16.4997

■ 41.7258, -0.0452,  
-16.4997

■ 37.9269, 1.5271,  
-23.0414

■ 45.6765, -1.2438,  
-10.4358

■ 34.3015, 3.5518,  
-30.1481

■ 49.7574, -2.1322,  
-4.7741

■ 30.8810, 6.1175,  
-37.8982

■ 53.9542, -2.7630,  
0.5542

■ 27.7039, 9.3157,  
-46.3406

■ 58.2545, -3.1786,  
5.6065

■ 24.8173, 13.2172,  
-55.4458

■ 62.6483, -3.4128,  
10.4303

■ 22.2730, 17.8185,  
-65.0401

■ 67.1274, -3.4929,  
15.0647

■ 21.0791, 20.3194,  
-70.2108

■ 71.6847, -3.4412,  
19.5418

■ 76.3145, -3.2756,  
23.8882

■ 81.0118, -3.0110,  
28.1254

# Harmonies

## Analogous

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



41.7266, -8.3578, -15.0090



41.7258, -0.0452, -16.4997



41.7266, 8.3133, -12.2096

# Triad

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



41.7266, -0.0456, -16.4988



41.7266, 11.6949, 10.7512



41.7266, -16.4185, 7.8431

# Complementary

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



41.7258, -0.0452, -16.4997



49.9045, -1.9704, 16.6912

# 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.



41.7266, -11.8179, 12.9094



41.7258, -0.0452, -16.4997



41.7266, 4.2761, 14.3363

# Square

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



41.7266, -0.0456, -16.4988



41.7266, 15.4392, 4.2752



41.7266, -4.3678, 15.0376



41.7266, -17.3720, 0.1628



# Rectangle

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



41.7258, -0.0452, -16.4997



41.7266, 12.6369, -7.0770



41.7266, -4.3678, 15.0376



41.7266, -15.2664, 9.8580

# Sweetspot

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



41.7266, -0.0456, -16.4988



68.6932, -3.2632, -2.9849



51.8074, -19.3397, 5.6328



32.4064, -1.5023, -1.8616



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283



# Same Dimension

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



41.7266, -0.0456, -16.4988



51.4056, 1.5552, -28.7727



37.9065, 10.3913, -22.9239



25.1669, -1.2154, -0.8373



19.4335, 18.2548, -63.6971



3.4234, 0.0278, -4.3391



# Inverse Universe

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



41.0617, 17.5345, 1.7500



50.6896, 29.6789, 2.5819



54.0483, -12.5568, 20.1346



25.0074, 1.1085, 1.1739



24.0553, 41.9825, 9.4420

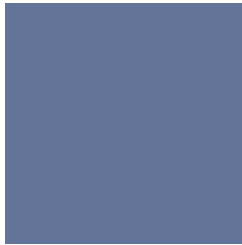


3.0437, 5.5069, -0.3158



# Previews

## White Background



This preview shows how the HunterLab color 41.7258, -0.0452, -16.4997 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

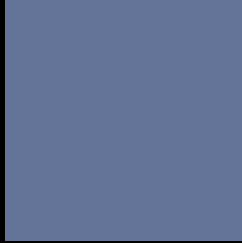
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 41.7258, -0.0452, -16.4997 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

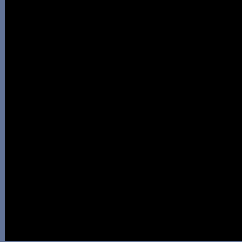
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

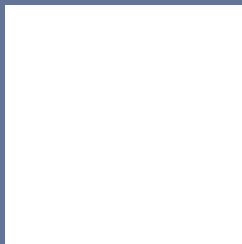
Any Text WCAG AAA × Fail

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

## HunterLab 41.7258, -0.0452, -16.4997 Background



This preview shows how black text looks on a background with the HunterLab color 41.7258, -0.0452, -16.4997.



This preview shows how white text looks on a background with the HunterLab color 41.7258, -0.0452, -16.4997.



# 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

41.7258, -0.0452, -16.4997

### Protanopia

41.6331, 2.3743, -15.9995

### Deuteranopia

41.7462, 2.8328, -16.4162



## Tritanopia

41.7425, -7.3587, -4.4044

# Trichromacy



## Original Color

41.7258, -0.0452, -16.4997

## Protanomaly

41.6886, 1.1627, -15.9310

## Deuteranomaly

41.7989, 1.6151, -16.3517

## Tritanomaly

41.8514, -4.9639, -8.3619

# Monochromacy



## Original Color

41.7258, -0.0452, -16.4997

## Achromatopsia

41.4054, -2.2093, 2.2496

## Achromatomaly

41.3173, -1.7401, -3.8765

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 41.7258, -0.0452, -16.4997 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(99, 116, 152)` looks like.

```
.text, #text, p{  
    color:rgb(99, 116, 152)  
}
```

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(99, 116, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 116, 152) }
```

## Border

The CSS property to change the border of an element to HunterLab 41.7258, -0.0452, -16.4997 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(99, 116, 152) }
```



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

```
.border{ border-color:rgb(99, 116, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 116, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 116, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 116, 152);  
box-shadow:4px 4px 4px 4px rgb(99, 116,  
152) }
```

# Background

The CSS property to change the background color of an element to HunterLab 41.7258, -0.0452, -16.4997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 116, 152) }
```

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

```
.background{ background-color: rgb(99, 116,  
152) }
```

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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