

# Converting Colors

HunterLab(48.8739, -4.9257,  
-6.5307)

Have a look what the booklet for  
HunterLab(48.8739, -4.9257,  
-6.5307) contains.

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# Color

**HunterLab(48.7440, -4.6462,  
-6.7028)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	768899
RGB	118, 136, 153
RGB Percent	46%, 53%, 60%
CMY	0.5372, 0.4667, 0.4000
CMYK	0.23, 0.11, 0.00, 0.40
HSL	209°, 15%, 53%
HSV	209°, 23%, 60%
XYZ	22.0251, 23.7598, 33.5622
YIQ	132.5560, -16.1850, 1.4710

# Conversions

## Conversions Part 2

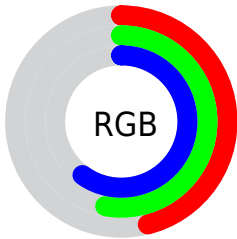
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 130, 153
Decimal	7768217
CIE <sub>Lab</sub>	55.85, -2.57, -11.23
CIE <sub>LCh</sub>	56, 11.518, 257.097
Yxy	23.7607, 0.2776, 0.2994
Android (android.graphics.Color)	4285958297 (0xFF768899)
YUV	132.5560, 10.0789, -12.7656
Hunter-Lab	48.7440, -4.6462, -6.7028

# Details

The HunterLab color  $48.7440, -4.6462, -6.7028$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $50.4067, 0.5701, 10.9096$ , and the grayscale version is  $48.2219, -2.5730, 2.6200$ .

A 20% lighter version of the original color is  $70.3975, -5.9123, -6.4422$ , and  $29.7995, -3.1488, -6.7032$  is the 20% darker color. If you saturate the color by 10%, you get  $45.5565, -4.8733, -11.2363$ , and if you desaturate by 10%, it is  $52.0447, -4.1062, -2.3351$ .

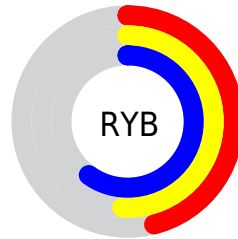
# Distribution



Red (46%)

Green (53%)

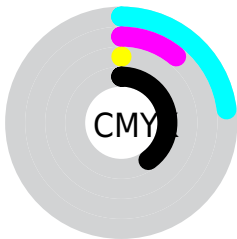
Blue (60%)



Red (46%)

Yellow (51%)

Blue (60%)

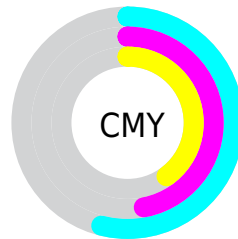


Cyan (23%)

Magenta (11%)

Yellow (0%)

Black (40%)



Cyan (54%)

Magenta (47%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7440, -4.6462, -6.7028 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 48.7440, -4.6462, -6.7028 by changing the saturation by 10% instead.



■ 48.7440, -4.6462,  
-6.7028

■ 48.7440, -4.6462,  
-6.7028

164.8055,  
-11.8836, -4.3949

■ 38.9310, -3.9727,  
-6.6846

■ 70.4553, -6.0777,  
-6.5412

■ 29.8816, -3.3263,  
-6.5931

■ 82.2694, -6.8330,  
-6.3743

■ 21.6679, -2.7075,  
-6.4194

■ 94.6787, -7.6140,  
-6.1557

■ 14.3855, -2.1146,  
-6.1578

107.6559, -8.4202,  
-5.8888

■ 8.0458, -1.8227,  
-6.0922

121.1771, -9.2508,  
-5.5768

0.0000, NaN, -NF

0.0000, NaN, NaN

135.2214,

-10.1053, -5.2223

0.0000, NaN, NaN

149.7698,  
-10.9831, -4.8277

0.0000, NaN, NaN

■ 48.7440, -4.6462,  
-6.7028

■ 48.7440, -4.6462,  
-6.7028

■ 45.5565, -4.8733,  
-11.2363

■ 52.0447, -4.1062,  
-2.3351

■ 42.4908, -4.7394,  
-15.9529

■ 55.4452, -3.2915,  
1.8802

■ 39.5613, -4.1938,  
-20.8624

■ 58.9378, -2.2373,  
5.9605

■ 36.7829, -3.1820,  
-25.9685

■ 62.5145, -0.9734,  
9.9212

■ 34.1714, -1.6502,  
-31.2634

■ 66.1688, 0.4751,  
13.7769

■ 31.7428, 0.4467,  
-36.7237

■ 69.8948, 2.0868,  
17.5406

■ 29.5112, 3.1305,  
-42.3086

■ 73.6873, 3.8436,  
21.2241

■ 28.0138, 5.2879,  
-46.4299

■ 77.5419, 5.7300,  
24.8377

■ 81.3727, 7.4597,  
28.3133

# Harmonies

## Analogous

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



48.7450, -8.7275, -4.2245



48.7440, -4.6462, -6.7028



48.7450, 0.1391, -6.5044

# Triad

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



48.7450, -4.6469, -6.7019



48.7450, 6.5335, 5.1641



48.7450, -9.1804, 8.2587

# Complementary

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



48.7440, -4.6462, -6.7028



50.4067, 0.5701, 10.9096

# 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.



48.7450, -5.2869, 10.3198



48.7440, -4.6462, -6.7028



48.7450, 3.8386, 8.6553

# Square

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



48.7450, -4.6469, -6.7019



48.7450, 6.7211, 0.6523



48.7450, -0.5259, 10.4576



48.7450, -11.2760, 4.5730



# Rectangle

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



48.7440, -4.6462, -6.7028



48.7450, 3.0881, -4.8802



48.7450, -0.5259, 10.4576



48.7450, -8.0454, 9.1483

# Sweetspot

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



48.7450, -4.6469, -6.7019



72.2428, -4.9113, 0.1346



53.2742, -15.3949, 7.0815



33.8367, -2.3347, -0.0732



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.



48.7450, -4.6469, -6.7019



63.2250, -6.4157, -11.7663



43.8711, 3.6599, -13.6323



25.5448, -1.8406, -0.3740



25.5989, 4.5578, -41.8354



4.1325, -1.0887, -2.8152



# Inverse Universe

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



46.3760, 11.4477, -1.0030



59.5396, 19.3459, -2.2509



55.3830, -7.6321, 15.6439



25.0461, 1.3163, 0.6233



24.6309, 44.0879, 1.1358



3.1313, 5.8213, -1.5342



# Previews

## White Background



This preview shows how the HunterLab color 48.7440, -4.6462, -6.7028 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

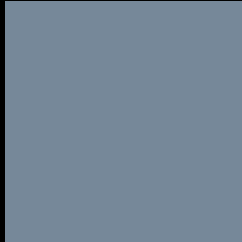
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 48.7440, -4.6462, -6.7028 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

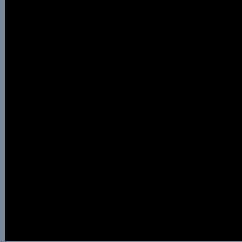
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

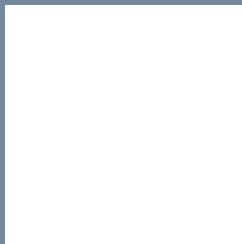
Any Text WCAG AAA × Fail

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

## HunterLab 48.7440, -4.6462, -6.7028 Background



This preview shows how black text looks on a background with the HunterLab color 48.7440, -4.6462, -6.7028.



This preview shows how white text looks on a background with the HunterLab color 48.7440, -4.6462, -6.7028.

-6.7028.

# 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

48.7440, -4.6462, -6.7028

### Protanopia

48.8208, -0.1238, -5.4756

### Deuteranopia

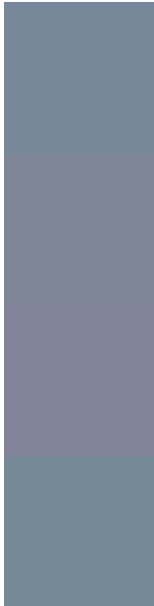
48.5970, 3.5932, -7.2905



## Tritanopia

48.7969, -6.2822, -4.0832

# Trichromacy



## Original Color

48.7440, -4.6462, -6.7028

## Protanomaly

48.7369, -1.7957, -6.1381

## Deuteranomaly

48.5607, 0.6280, -7.3927

## Tritanomaly

48.8623, -5.9191, -5.0068

# Monochromacy



## Original Color

48.7440, -4.6462, -6.7028

## Achromatopsia

48.4304, -2.5841, 2.6313

## Achromatomaly

48.5107, -3.3507, -0.4907

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 48.7440, -4.6462, -6.7028 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(118, 136, 153)` looks like.

```
.text, #text, p{  
    color:rgb(118, 136, 153)  
}
```

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(118, 136, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 136, 153) }
```

## Border

The CSS property to change the border of an element to HunterLab 48.7440, -4.6462, -6.7028 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(118, 136, 153) }
```



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

```
.border{ border-color:rgb(118, 136, 153) }
```

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

Here you see how a box with a 4 pixel rgb(118, 136, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 136, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 136, 153);  
box-shadow:4px 4px 4px 4px rgb(118, 136,  
153) }
```

# Background

The CSS property to change the background color of an element to HunterLab 48.7440, -4.6462, -6.7028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 136, 153) }
```

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

```
.background{ background-color: rgb(118,  
136, 153) }
```

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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