

# Converting Colors

HunterLab(40.8340, 15.0915,  
-22.8634)

Have a look what the booklet for  
HunterLab(40.8340, 15.0915,  
-22.8634) contains.

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# Color

**HunterLab(40.8340, 15.0915,  
-22.8634)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E67A0
RGB	126, 103, 160
RGB Percent	49%, 40%, 63%
CMY	0.5059, 0.5961, 0.3725
CMYK	0.21, 0.36, 0.00, 0.37
HSL	264°, 23%, 52%
HSV	264°, 36%, 63%
XYZ	19.7996, 16.6742, 35.4325
YIQ	116.3750, -4.5890, 22.6030

# Conversions

## Conversions Part 2

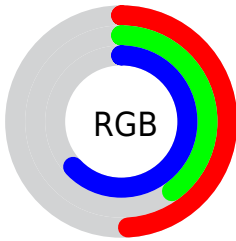
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 103, 160
Decimal	8284064
CIE <sub>Lab</sub>	47.85, 21.20, -27.48
CIE <sub>LCh</sub>	48, 34.708, 307.639
Yxy	16.6748, 0.2754, 0.2319
Android (android.graphics.Color)	4286474144 (0xFF7E67A0)
YUV	116.3750, 21.5071, 8.4411
Hunter-Lab	40.8340, 15.0915, -22.8634

# Details

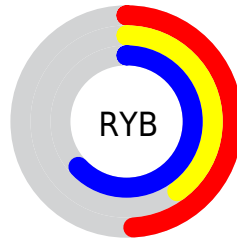
The HunterLab color  $40.8340, 15.0915, -22.8634$  is a dark color, and the websafe version is hex  $666699$ . A complement of this color would be  $56.0710, -17.4683, 20.6755$ , and the grayscale version is  $41.8572, -2.2334, 2.2742$ .

A 20% lighter version of the original color is  $61.4173, 16.4574, -23.9301$ , and  $23.3400, 13.4655, -21.4220$  is the 20% darker color. If you saturate the color by 10%, you get  $36.1930, 20.5887, -31.8195$ , and if you desaturate by 10%, it is  $45.7478, 9.7693, -14.7423$ .

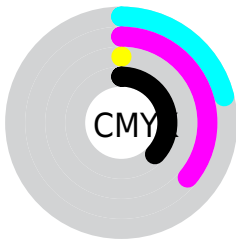
# Distribution



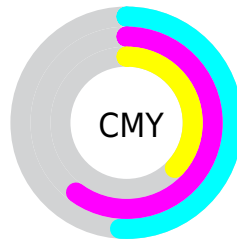
- Red (49%)
- Green (40%)
- Blue (63%)



- Red (49%)
- Yellow (40%)
- Blue (63%)



- Cyan (21%)
- Magenta (36%)
- Yellow (0%)
- Black (37%)



- Cyan (51%)
- Magenta (60%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8340, 15.0915, -22.8634 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 40.8340, 15.0915, -22.8634 by changing the saturation by 10% instead.



40.8340, 15.0915,  
-22.8634

40.8340, 15.0915,  
-22.8634

152.7388, 17.4928,  
-25.6216

31.6274, 14.3945,  
-22.3092

61.4539, 16.1585,  
-23.8566

23.2398, 13.5674,  
-21.7675

72.7693, 16.5550,  
-24.2739

15.7618, 12.5884,  
-21.3520

84.7048, 16.8726,  
-24.6342

9.3209, 11.4436,  
-21.4255

97.2298, 17.1186,  
-24.9378

0.0000, INF, -NF

0.0000, NaN, -NF

110.3176, 17.2989,  
-25.1864

0.0000, NaN, NaN

123.9451, 17.4186,

0.0000, NaN, NaN

-25.3818

0.0000, NaN, NaN

138.0916, 17.4820,  
-25.5262

■ 40.8340, 15.0915,  
-22.8634

■ 40.8340, 15.0915,  
-22.8634

■ 36.1930, 20.5887,  
-31.8195

■ 45.7478, 9.7693,  
-14.7423

■ 31.8831, 26.2330,  
-41.7411

■ 50.8868, 4.6144,  
-7.3130

■ 27.9865, 31.9027,  
-52.6539

■ 56.2179, -0.3977,  
-0.4411

■ 24.6079, 37.2995,  
-64.3148

■ 61.7154, -5.2935,  
5.9851

■ 21.8692, 41.8546,  
-75.9577

■ 67.3594, -10.0976,  
12.0560

■ 19.8639, 44.8279,  
-86.2437

■ 73.1341, -14.8310,  
17.8430

■ 19.0971, 45.9944,  
-90.6816

■ 79.0271, -19.5113,  
23.4028

■ 85.0278, -24.1529,  
28.7801

■ 91.1280, -28.7674,  
34.0106

# Harmonies

## Analogous

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



40.8348, 1.3622, -31.0179



40.8340, 15.0915, -22.8634



40.8348, 24.9972, -8.4466

# Triad

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



40.8348, 15.0908, -22.8623



40.8348, 8.2770, 19.2122



40.8348, -25.0483, -1.2329

# Complementary

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



40.8340, 15.0915, -22.8634



56.0710, -17.4683, 20.6755

# 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.



40.8348, -23.7047, 10.6165



40.8340, 15.0915, -22.8634



40.8348, -5.6075, 20.0178

# Square

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



40.8348, 15.0908, -22.8623



40.8348, 20.7174, 14.7063



40.8348, -16.9872, 17.4484



40.8348, -20.9336, -16.1247



# Rectangle

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



40.8340, 15.0915, -22.8634



40.8348, 27.4475, 1.1823



40.8348, -16.9872, 17.4484



40.8348, -25.2092, 3.2365

# Sweetspot

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



40.8348, 15.0908, -22.8623



71.7083, 3.2169, -5.6863



48.3429, -7.3805, -11.1296



33.1612, 1.9046, -3.2116



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328



# Same Dimension

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



40.8348, 15.0908, -22.8623



49.8614, 26.3969, -40.6190



43.7477, 23.7308, -17.7009



25.6112, 0.6602, -1.3534



16.9273, 40.6682, -79.6007



2.7421, 5.9851, -8.2216



# Inverse Universe

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



43.5670, 21.5289, -4.9861



54.6061, 36.7214, -8.5359



54.1788, -24.6723, 18.9096



25.9021, 1.4684, 0.3938



25.4569, 46.1832, -3.6084

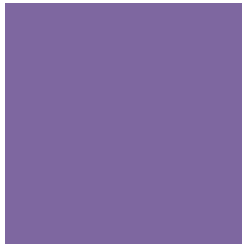


3.5227, 6.6005, -2.1246



# Previews

## White Background



This preview shows how the HunterLab color 40.8340, 15.0915, -22.8634 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

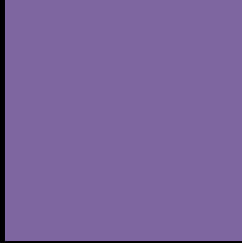
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 40.8340, 15.0915, -22.8634 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

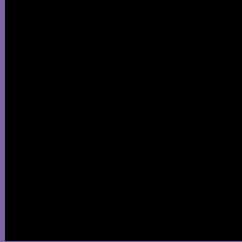
Any Text WCAG AA × Fail

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 40.8340, 15.0915, -22.8634 Background



This preview shows how black text looks on a background with the HunterLab color 40.8340, 15.0915, -22.8634.



This preview shows how white text looks on a background with the HunterLab color 40.8340, 15.0915, -22.8634.

-22.8634.

# 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

40.8340, 15.0915, -22.8634

### Protanopia

41.0015, 4.3836, -27.5245

### Deuteranopia

40.8774, 3.1848, -21.6741



## Tritanopia

40.8006, 1.5832, -0.6529

# Trichromacy



## Original Color

40.8340, 15.0915, -22.8634

## Protanomaly

40.8433, 7.6859, -25.6826

## Deuteranomaly

40.8555, 7.2916, -22.2985

## Tritanomaly

40.7578, 6.4621, -8.1161

# Monochromacy



## Original Color

40.8340, 15.0915, -22.8634

## Achromatopsia

41.7908, -2.2299, 2.2706

## Achromatomaly

41.2649, 3.8975, -5.8699

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 40.8340, 15.0915, -22.8634 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(126, 103, 160)` looks like.

```
.text, #text, p{  
    color:rgb(126, 103, 160)  
}
```

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(126, 103, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 103, 160) }
```

## Border

The CSS property to change the border of an element to HunterLab 40.8340, 15.0915, -22.8634 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(126, 103, 160) }
```



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

```
.border{ border-color:rgb(126, 103, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 103, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 103, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 103, 160);  
box-shadow:4px 4px 4px 4px rgb(126, 103,  
160) }
```

# Background

The CSS property to change the background color of an element to HunterLab 40.8340, 15.0915, -22.8634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 103, 160) }
```

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

```
.background{ background-color: rgb(126,  
103, 160) }
```

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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