

# Converting Colors

HunterLab(40.1347, 14.1104,  
-15.1851)

Have a look what the booklet for  
HunterLab(40.1347, 14.1104,  
-15.1851) contains.

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# Color

**HunterLab(40.0622, 14.0802,  
-15.3133)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	816592
RGB	129, 101, 146
RGB Percent	51%, 40%, 57%
CMY	0.4941, 0.6039, 0.4274
CMYK	0.12, 0.31, 0.00, 0.43
HSL	277°, 18%, 48%
HSV	277°, 31%, 57%
XYZ	18.8952, 16.0498, 29.2962
YIQ	114.5020, 2.2430, 19.9310

# Conversions

## Conversions Part 2

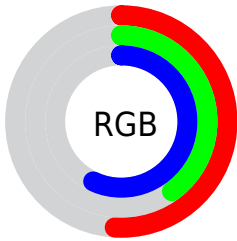
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 101, 146
Decimal	8480146
CIE <sub>Lab</sub>	47.04, 20.09, -20.43
CIE <sub>LCh</sub>	47, 28.651, 314.527
Yxy	16.0505, 0.2941, 0.2498
Android (android.graphics.Color)	4286670226 (0xFF816592)
YUV	114.5020, 15.5285, 12.7147
Hunter-Lab	40.0622, 14.0802, -15.3133

# Details

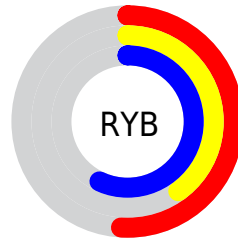
The HunterLab color  $40.0622, 14.0802, -15.3133$  is a dark color, and the websafe version is hex  $996699$ . A complement of this color would be  $50.3481, -16.8497, 16.2299$ , and the grayscale version is  $41.1561, -2.1960, 2.2361$ .

A 20% lighter version of the original color is  $60.4745, 15.0250, -16.0461$ , and  $22.6425, 12.4785, -14.1788$  is the 20% darker color. If you saturate the color by 10%, you get  $36.1141, 19.7700, -22.0467$ , and if you desaturate by 10%, it is  $44.2557, 8.4722, -9.0142$ .

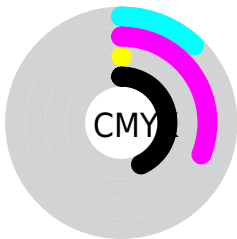
# Distribution



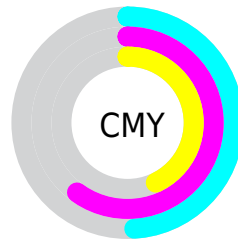
- Red (51%)
- Green (40%)
- Blue (57%)



- Red (51%)
- Yellow (40%)
- Blue (57%)



- Cyan (12%)
- Magenta (31%)
- Yellow (0%)
- Black (43%)



- Cyan (49%)
- Magenta (60%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0622, 14.0802, -15.3133 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 40.0622, 14.0802, -15.3133 by changing the saturation by 10% instead.



40.0622, 14.0802,  
-15.3133

40.0622, 14.0802,  
-15.3133

151.5386, 16.1200,  
-16.2743

30.9190, 13.4289,  
-14.9016

60.5688, 15.0584,  
-15.9393

22.6012, 12.6484,  
-14.4385

71.8327, 15.4125,  
-16.1554

15.2015, 11.7153,  
-13.9661

83.7193, 15.6890,  
-16.3102

8.8286, 10.7217,  
-13.7125

96.1978, 15.8951,  
-16.4069

0.0000, INF, -NF

0.0000, NaN, NaN

109.2411, 16.0366,  
-16.4489

0.0000, NaN, NaN

122.8258, 16.1185,

0.0000, NaN, NaN

-16.4389

0.0000, NaN, NaN

136.9311, 16.1452,  
-16.3799

■ 40.0622, 14.0802,  
-15.3133

■ 40.0622, 14.0802,  
-15.3133

■ 36.1141, 19.7700,  
-22.0467

■ 44.2557, 8.4722,  
-9.0142

■ 32.4562, 25.4781,  
-29.2325

■ 48.6548, 2.9715,  
-3.1057

■ 29.1484, 31.0592,  
-36.8106

■ 53.2312, -2.4227,  
2.4688

■ 26.2609, 36.2478,  
-44.5813

■ 57.9620, -7.7202,  
7.7633

■ 23.8687, 40.6268,  
-52.1321

■ 62.8288, -12.9347,  
12.8257

■ 22.0349, 43.6750,  
-58.8306

■ 67.8170, -18.0805,  
17.6969

■ 20.7161, 45.4947,  
-64.2695

■ 72.9147, -23.1709,  
22.4111

■ 78.1120, -28.2177,  
26.9967

■ 83.4009, -33.2313,  
31.4769

# Harmonies

## Analogous

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



40.0630, 3.3970, -23.0999



40.0622, 14.0802, -15.3133



40.0630, 20.7581, -3.6686

# Triad

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



40.0630, 14.0793, -15.3123



40.0630, 3.7592, 17.3086



40.0630, -20.9007, -3.2960

# Complementary

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



40.0622, 14.0802, -15.3133



50.3481, -16.8497, 16.2299

# 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.



40.0630, -20.8265, 7.2626



40.0622, 14.0802, -15.3133



40.0630, -7.3913, 17.3572

# Square

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



40.0630, 14.0793, -15.3123



40.0630, 14.3694, 14.0352



40.0630, -16.1294, 14.1934



40.0630, -16.3446, -14.9759



# Rectangle

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



40.0622, 14.0802, -15.3133



40.0630, 21.6252, 3.7615



40.0630, -16.1294, 14.1934



40.0630, -21.3991, 0.5328

# Sweetspot

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



40.0630, 14.0793, -15.3123



65.6035, 2.7636, -2.8837



42.2593, -1.8783, -12.1467



30.5711, 1.7510, -1.8294



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248



# Same Dimension

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



40.0630, 14.0793, -15.3123



49.5396, 23.9287, -26.4707



41.6349, 18.4463, -9.7686



24.0850, 1.0231, -1.0676



19.4667, 42.7187, -60.1438



2.5161, 5.1973, -5.2607



# Inverse Universe

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



40.8987, 14.7485, 0.6119



50.9884, 24.9851, 0.5854



49.3667, -20.3643, 13.6036



24.1857, 1.1163, 0.9809



23.7189, 41.6653, 7.2177

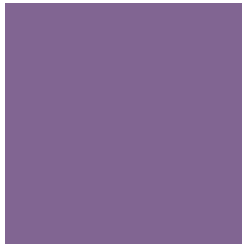


2.7252, 4.9768, -0.6411



# Previews

## White Background



This preview shows how the HunterLab color 40.0622, 14.0802, -15.3133 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 40.0622, 14.0802, -15.3133 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 40.0622, 14.0802, -15.3133 Background



This preview shows how black text looks on a background with the HunterLab color 40.0622, 14.0802, -15.3133.



This preview shows how white text looks on a background with the HunterLab color 40.0622, 14.0802, -15.3133.

-15.3133.

# 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

40.0622, 14.0802, -15.3133

### Protanopia

40.1303, 3.0364, -19.7442

### Deuteranopia

40.2104, 2.5923, -14.0826



## Tritanopia

40.0478, 4.1923, 0.7378

# Trichromacy



## Original Color

40.0622, 14.0802, -15.3133

## Protanomaly

40.0405, 6.5759, -17.9380

## Deuteranomaly

40.1710, 6.6086, -14.6686

## Tritanomaly

40.0564, 7.5361, -4.4020

# Monochromacy



## Original Color

40.0622, 14.0802, -15.3133

## Achromatopsia

41.4054, -2.2093, 2.2496

## Achromatomaly

40.8060, 3.3366, -3.4769

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 40.0622, 14.0802, -15.3133 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(129, 101, 146)` looks like.

```
.text, #text, p{  
    color:rgb(129, 101, 146)  
}
```

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(129, 101, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 101, 146) }
```

## Border

The CSS property to change the border of an element to HunterLab 40.0622, 14.0802, -15.3133 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(129, 101, 146) }
```



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

```
.border{ border-color:rgb(129, 101, 146) }
```

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

Here you see how a box with a 4 pixel rgb(129, 101, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 101, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 101, 146);  
box-shadow:4px 4px 4px 4px rgb(129, 101,  
146) }
```

# Background

The CSS property to change the background color of an element to HunterLab 40.0622, 14.0802, -15.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 101, 146) }
```

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

```
.background{ background-color: rgb(129,  
101, 146) }
```

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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