

Converting Colors

HunterLab(40.4437, 49.1924,
16.9027)

Have a look what the booklet for
HunterLab(40.4437, 49.1924,
16.9027) contains.

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Color

**HunterLab(40.4499, 49.2232,
16.8003)**

Conversions

Conversions Part 1

Format	Color
Hex	CA3D48
RGB	202, 61, 72
RGB Percent	79%, 24%, 28%
CMY	0.2078, 0.7607, 0.7176
CMYK	0.00, 0.70, 0.64, 0.21
HSL	355°, 57%, 52%
HSV	355°, 70%, 79%
XYZ	27.1956, 16.3619, 7.8557
YIQ	104.4130, 80.5050, 33.3130

Conversions

Conversions Part 2

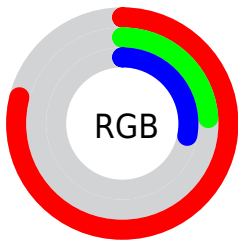
Format	Color
R_{YB}	202, 61, 72
Decimal	13253960
CIE Lab	47.45, 56.00, 26.13
CIE LCh	47, 61.795, 25.015
Yxy	16.3629, 0.5290, 0.3183
Android (android.graphics.Color)	4291444040 (0xFFCA3D48)
YUV	104.4130, -15.9796, 85.5838
Hunter-Lab	40.4499, 49.2232, 16.8003

Details

The HunterLab color **40.4499, 49.2232, 16.8003** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **68.5531, -35.4728, -1.0131**, and the grayscale version is **37.4015, -1.9957, 2.0321**.

A 20% lighter version of the original color is **59.4463, 49.0815, 19.7672**, and **23.9821, 41.4400, 12.6294** is the 20% darker color. If you saturate the color by 10%, you get **37.9338, 54.9942, 19.0020**, and if you desaturate by 10%, it is **43.8423, 42.1095, 14.4818**.

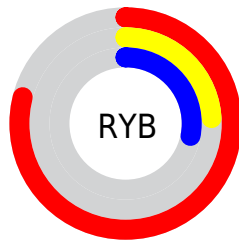
Distribution



Red (79%)

Green (24%)

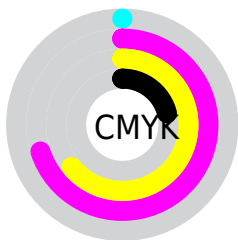
Blue (28%)



Red (79%)

Yellow (24%)

Blue (28%)

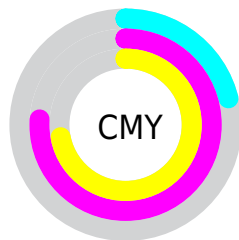


Cyan (0%)

Magenta (70%)

Yellow (64%)

Black (21%)



Cyan (21%)

Magenta (76%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4499, 49.2232, 16.8003 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 40.4499, 49.2232, 16.8003 by changing the saturation by 10% instead.

■ 40.4499, 49.2232,
16.8003

■ 40.4499, 49.2232,
16.8003

152.1426, 63.1440,
34.6039

■ 31.2751, 47.1906,
14.4679

■ 61.0140, 53.0074,
21.1204

■ 22.9220, 45.1338,
11.9595

■ 72.3038, 54.7443,
23.1621

■ 15.4828, 43.2114,
9.7802

■ 84.2151, 56.3769,
25.1491

■ 9.0798, 42.0284,
6.3559

■ 96.7170, 57.9096,
27.0937

0.0000, INF, NaN

0.0000, INF, NaN

■ 109.7827, 59.3476,
29.0050

0.0000, NaN, NaN

123.3890, 60.6959,

0.0000, NaN, NaN

30.8902

0.0000, NaN, NaN

137.5151, 61.9598,
32.7550

■ 40.4499, 49.2232,
16.8003

■ 40.4499, 49.2232,
16.8003

■ 37.9338, 54.9942,
19.0020

■ 43.8423, 42.1095,
14.4818

■ 36.3297, 58.8522,
20.8531

■ 48.0137, 34.2894,
12.2325

■ 35.5010, 60.8385,
22.1137

■ 52.8537, 26.2395,
10.1664

■ 35.4868, 60.8756,
22.1300

■ 58.2553, 18.2551,
8.3304

■ 64.1262, 10.4849,
6.7291

■ 70.3907, 2.9838,
5.3452

■ 76.9883, -4.2446,
4.1530

■ 83.8712, -11.2217,
3.1256

■ 91.0015, -17.9781,
2.2379

Harmonies

Analogous

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



40.4511, 55.4010, -1.8358



40.4499, 49.2232, 16.8003



40.4511, 28.1187, 24.2679

Triad

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



40.4511, 49.2194, 16.8011



40.4511, -33.6552, 20.2450



40.4511, -6.1244, -71.3509

Complementary

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



40.4499, 49.2232, 16.8003



68.5531, -35.4728, -1.0131

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.



40.4511, -25.5281, -53.4262



40.4499, 49.2232, 16.8003



40.4511, -38.8567, 5.8619

Square

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



40.4511, 49.2194, 16.8011



40.4511, -20.0127, 25.2793



40.4511, -36.2755, -21.3374



40.4511, 19.4508, -61.9348

Rectangle

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



40.4499, 49.2232, 16.8003



40.4511, 10.5852, 25.8671



40.4511, -36.2755, -21.3374



40.4511, -13.5006, -68.1197

Sweetspot

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



40.4511, 49.2194, 16.8011



82.2687, 15.1281, 9.0478



43.1071, 63.8100, -49.1743



37.0566, 8.2993, 4.4476

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.4511, 49.2194, 16.8011



48.0962, 74.5904, 26.0900



51.2520, 21.3635, 26.8464



33.5076, 1.2772, 2.5113



28.4760, 48.8674, 17.6150



6.5067, 11.2434, 3.4260

Inverse Universe

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



40.4511, 49.2194, 16.8011



48.0962, 74.5904, 26.0900



49.9778, -7.2925, -35.6197



33.5076, 1.2772, 2.5113



28.4760, 48.8674, 17.6150



6.5067, 11.2434, 3.4260

Previews

White Background



This preview shows how the HunterLab color 40.4499, 49.2232, 16.8003 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 40.4499, 49.2232, 16.8003 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 40.4499, 49.2232, 16.8003 Background



This preview shows how black text looks on a background with the HunterLab color 40.4499, 49.2232, 16.8003.



This preview shows how white text looks on a background with the HunterLab color 40.4499, 49.2232,

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

40.4499, 49.2232, 16.8003

Protanopia

40.7353, -2.8116, 9.9787

Deuteranopia

40.6326, 2.6868, 17.7873



Tritanopia

40.4765, 48.3847, 18.4630

Trichromacy



Original Color

40.4499, 49.2232, 16.8003

Protanomaly

38.9170, 15.4650, 11.1577

Deuteranomaly

39.3403, 19.5527, 16.3415

Tritanomaly

40.5206, 48.5710, 17.8168

Monochromacy



Original Color

40.4499, 49.2232, 16.8003

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

36.5070, 15.5017, 6.3227

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4499, 49.2232, 16.8003 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(202, 61, 72)` looks like.

```
.text, #text, p{  
    color:rgb(202, 61, 72)  
}
```

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(202, 61, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 61, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4499, 49.2232, 16.8003 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(202, 61, 72) }
```


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

```
.border{ border-color:rgb(202, 61, 72) }
```

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

Here you see how a box with a 4 pixel rgb(202, 61, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 61, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 61, 72);  
box-shadow:4px 4px 4px 4px rgb(202, 61,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4499, 49.2232, 16.8003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 61, 72) }
```

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

```
.background{ background-color: rgb(202, 61,  
72) }
```

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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