

Converting Colors

HunterLab(40.4449, 51.2564,
16.3221)

Have a look what the booklet for
HunterLab(40.4449, 51.2564,
16.3221) contains.

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Color

**HunterLab(40.4449, 51.2564,
16.3221)**

Conversions

Conversions Part 1

Format	Color
Hex	CC3A4A
RGB	204, 58, 74
RGB Percent	80%, 23%, 29%
CMY	0.2000, 0.7725, 0.7098
CMYK	0.00, 0.72, 0.64, 0.20
HSL	353°, 59%, 51%
HSV	353°, 72%, 80%
XYZ	27.6509, 16.3579, 8.1786
YIQ	103.4780, 81.8800, 35.9280

Conversions

Conversions Part 2

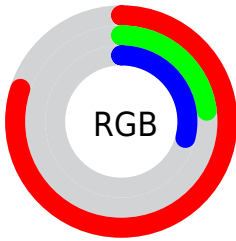
Format	Color
RYB	204, 58, 74
Decimal	13384266
CIELab	47.44, 57.85, 25.00
CIElCh	47, 63.019, 23.368
Yxy	16.3589, 0.5298, 0.3135
Android (android.graphics.Color)	4291574346 (0xFFCC3A4A)
YUV	103.4780, -14.5327, 88.1578
Hunter-Lab	40.4449, 51.2564, 16.3221

Details

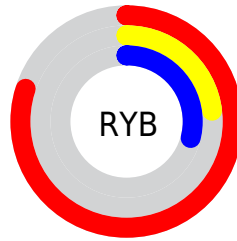
The HunterLab color **40.4449, 51.2564, 16.3221** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **69.0772, -37.1191, 1.0747**, and the grayscale version is **37.0422, -1.9765, 2.0126**.

A 20% lighter version of the original color is **59.1198, 50.3608, 18.5182**, and **24.3692, 42.1389, 12.5999** is the 20% darker color. If you saturate the color by 10%, you get **38.0561, 56.7241, 18.6470**, and if you desaturate by 10%, it is **43.7266, 44.2881, 13.9388**.

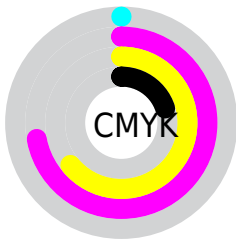
Distribution



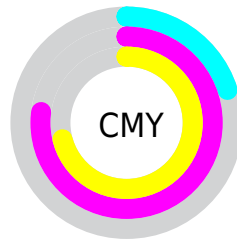
- Red (80%)
- Green (23%)
- Blue (29%)



- Red (80%)
- Yellow (23%)
- Blue (29%)



- Cyan (0%)
- Magenta (72%)
- Yellow (64%)
- Black (20%)



- Cyan (20%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4449, 51.2564, 16.3221 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 40.4449, 51.2564, 16.3221 by changing the saturation by 10% instead.

■ 40.4449, 51.2564,
16.3221

■ 40.4449, 51.2564,
16.3221

152.1348, 65.6998,
33.5720

■ 31.2705, 49.1788,
14.0773

■ 61.0083, 55.1507,
20.4894

■ 22.9179, 47.0936,
11.6665

■ 72.2978, 56.9465,
22.4633

■ 15.4792, 45.1792,
9.4760

■ 84.2088, 58.6390,
24.3869

■ 9.0766, 44.1016,
6.3537

■ 96.7103, 60.2315,
26.2719

0.0000, INF, NaN

0.0000, INF, NaN

■ 109.7758, 61.7289,
28.1268

0.0000, NaN, NaN

123.3818, 63.1362,

0.0000, NaN, NaN

29.9584

0.0000, NaN, NaN

137.5076, 64.4583,
31.7721

■ 40.4449, 51.2564,
16.3221

■ 40.4449, 51.2564,
16.3221

■ 38.0561, 56.7241,
18.6470

■ 43.7266, 44.2881,
13.9388

■ 36.5822, 60.1624,
20.6682

■ 47.8101, 36.4701,
11.6873

■ 35.9118, 61.6651,
21.9261

■ 52.5858, 28.3173,
9.6793

■ 57.9445, 20.1639,
7.9553

■ 63.7908, 12.1871,
6.5115

■ 70.0458, 4.4603,
5.3224

■ 76.6463, -3.0024,
4.3552

■ 83.5420, -10.2166,
3.5773

■ 90.6932, -17.2101,
2.9593

Harmonies

Analogous

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



40.4461, 56.5741, -3.3648



40.4449, 51.2564, 16.3221



40.4461, 30.2173, 24.2540

Triad

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



40.4461, 51.2525, 16.3229



40.4461, -33.6247, 20.9332



40.4461, -7.4946, -73.1740

Complementary

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



40.4449, 51.2564, 16.3221



69.0772, -37.1191, 1.0747

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.



40.4461, -26.7532, -53.3391



40.4449, 51.2564, 16.3221



40.4461, -39.3202, 7.0744

Square

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



40.4461, 51.2525, 16.3229



40.4461, -19.3098, 25.5819



40.4461, -37.1469, -20.1008



40.4461, 18.4293, -64.9992

Rectangle

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



40.4449, 51.2564, 16.3221



40.4461, 12.3337, 25.9650



40.4461, -37.1469, -20.1008



40.4461, -14.8630, -69.3034

Sweetspot

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



40.4461, 51.2525, 16.3229



82.3188, 15.3905, 8.3308



42.3644, 64.4767, -52.7163



37.0824, 8.4337, 4.0774

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.4461, 51.2525, 16.3229



47.7776, 75.8073, 25.5104



50.1711, 24.9123, 26.6192



33.5161, 1.3229, 2.3900



28.5029, 48.9672, 17.2164



6.5270, 11.3184, 3.1272

Inverse Universe

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



40.4461, 51.2525, 16.3229



47.7776, 75.8073, 25.5104



51.4304, -9.3430, -34.3289



33.5161, 1.3229, 2.3900



28.5029, 48.9672, 17.2164



6.5270, 11.3184, 3.1272

Previews

White Background



This preview shows how the HunterLab color 40.4449, 51.2564, 16.3221 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 40.4449, 51.2564, 16.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

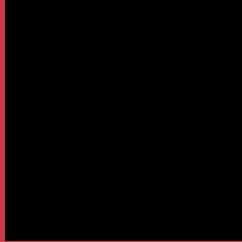
Any Text WCAG AA × Fail

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 40.4449, 51.2564, 16.3221 Background



This preview shows how black text looks on a background with the HunterLab color 40.4449, 51.2564, 16.3221.



This preview shows how white text looks on a background with the HunterLab color 40.4449, 51.2564,

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

40.4449, 51.2564, 16.3221

Protanopia

40.7373, -2.6261, 8.5964

Deuteranopia

40.6469, 2.7639, 17.5765



Tritanopia

40.5314, 49.8049, 18.9681

Trichromacy



Original Color

40.4449, 51.2564, 16.3221

Protanomaly

38.7737, 16.3705, 9.7267

Deuteranomaly

39.2726, 20.4971, 16.0585

Tritanomaly

40.4605, 50.4230, 18.0329

Monochromacy



Original Color

40.4449, 51.2564, 16.3221

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.2830, 15.9828, 6.0916

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4449, 51.2564, 16.3221 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(204, 58, 74)` looks like.

```
.text, #text, p{  
    color:rgb(204, 58, 74)  
}
```

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(204, 58, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 58, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4449, 51.2564, 16.3221 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(204, 58, 74) }
```


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

```
.border{ border-color:rgb(204, 58, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 58, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 58, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 58, 74);  
box-shadow:4px 4px 4px 4px rgb(204, 58,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4449, 51.2564, 16.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 58, 74) }
```

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

```
.background{ background-color: rgb(204, 58,  
74) }
```

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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