

Converting Colors

HunterLab(47.7741, 40.1894,
16.9196)

Have a look what the booklet for
HunterLab(47.7741, 40.1894,
16.9196) contains.

HunterLab(47.7605, 40.4055, 16.9911)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(47.7605, 40.4055,
16.9911)**

Conversions

Conversions Part 1

Format	Color
Hex	D45E5E
RGB	212, 94, 94
RGB Percent	83%, 37%, 37%
CMY	0.1686, 0.6313, 0.6314
CMYK	0.00, 0.56, 0.56, 0.17
HSL	0°, 58%, 60%
HSV	0°, 56%, 83%
XYZ	33.1745, 22.8107, 13.2441
YIQ	129.2820, 70.3280, 25.0160

Conversions

Conversions Part 2

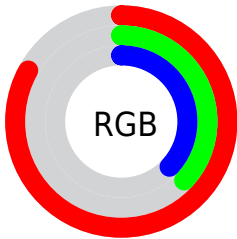
Format	Color
R_{YB}	212, 94, 94
Decimal	13917790
CIE _{Lab}	54.88, 46.53, 23.11
CIE _{LCh}	55, 51.955, 26.408
Yxy	22.8119, 0.4792, 0.3295
Android (android.graphics.Color)	4292107870 (0xFFD45E5E)
YUV	129.2820, -17.3940, 72.5437
Hunter-Lab	47.7605, 40.4055, 16.9911

Details

The HunterLab color **47.7605, 40.4055, 16.9911** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **73.6320, -31.7866, -5.3396**, and the grayscale version is **47.0126, -2.5085, 2.5543**.

A 20% lighter version of the original color is **66.6734, 35.5594, 18.2427**, and **28.9938, 36.9367, 12.7942** is the 20% darker color. If you saturate the color by 10%, you get **43.8353, 48.3707, 19.3790**, and if you desaturate by 10%, it is **52.4862, 31.9815, 14.5109**.

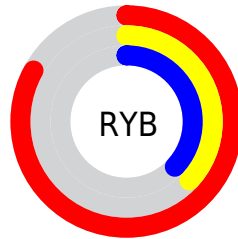
Distribution



Red (83%)

Green (37%)

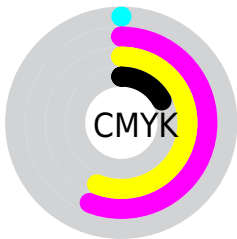
Blue (37%)



Red (83%)

Yellow (37%)

Blue (37%)

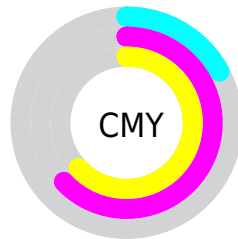


Cyan (0%)

Magenta (56%)

Yellow (56%)

Black (17%)



Cyan (17%)

Magenta (63%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7605, 40.4055, 16.9911 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 47.7605, 40.4055, 16.9911 by changing the saturation by 10% instead.

47.7605, 40.4055,
16.9911

47.7605, 40.4055,
16.9911

163.3271, 50.8877,
33.1078

38.0193, 38.7300,
14.9730

69.3428, 43.4009,
20.8029

29.0475, 36.9468,
12.8394

81.0976, 44.7378,
22.6318

20.9193, 35.0821,
10.5428

93.4504, 45.9752,
24.4258

13.7337, 33.2460,
8.8457

106.3737, 47.1200,
26.1932

7.3487, 34.1392,
5.1441

119.8431, 48.1782,
27.9406

0.0000, INF, NaN

0.0000, NaN, NaN

133.8376, 49.1556,

29.6730

0.0000, NaN, NaN

148.3379, 50.0573,
31.3943

0.0000, NaN, NaN

■ 47.7605, 40.4055,
16.9911

■ 47.7605, 40.4055,
16.9911

■ 43.8353, 48.3707,
19.3790

■ 52.4862, 31.9815,
14.5109

■ 40.8199, 55.2595,
21.4698

■ 57.8866, 23.5388,
12.0710

■ 38.7844, 60.3748,
23.0367

■ 63.8519, 15.3102,
9.7436

■ 37.7056, 63.2625,
23.9261

■ 70.2885, 7.3961,
7.5555

■ 37.4129, 64.0690,
24.1753

■ 77.1209, -0.1825,
5.5084

■ 84.2893, -7.4442,
3.5917

■ 91.7464, -14.4243,
1.7902

■ 96.3001, -18.4567,
0.7685

Harmonies

Analogous

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



47.7618, 46.1079, 0.0700



47.7605, 40.4055, 16.9911



47.7618, 22.5413, 25.1268

Triad

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



47.7618, 40.4020, 16.9920



47.7618, -32.3401, 19.6413



47.7618, -5.1133, -55.6591

Complementary

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



47.7605, 40.4055, 16.9911



73.6320, -31.7866, -5.3396

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.



47.7618, -23.3392, -43.1306



47.7605, 40.4055, 16.9911



47.7618, -37.2041, 4.9984

Square

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



47.7618, 40.4020, 16.9920



47.7618, -19.5824, 26.1126



47.7618, -34.2246, -18.4072



47.7618, 17.2619, -47.7375

Rectangle

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



47.7605, 40.4055, 16.9911



47.7618, 7.5576, 27.2046



47.7618, -34.2246, -18.4072



47.7618, -11.8831, -53.5977

Sweetspot

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



47.7618, 40.4020, 16.9920



85.3869, 10.5708, 9.7102



51.7262, 57.9963, -38.5065



38.7464, 5.7971, 4.7416

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7618, 40.4020, 16.9920



53.1675, 61.4900, 24.4503



61.3088, 10.8083, 27.7263



35.2433, 1.2458, 2.9629



29.3961, 50.3399, 18.9950



7.2197, 12.3621, 4.6652

Inverse Universe

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



73.6320, -31.7866, -5.3396



89.7919, -42.8762, -7.8913



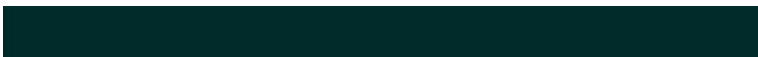
54.6953, -4.6932, -33.8988



37.5603, -4.9376, 1.0573



56.5687, -29.9880, -5.9706



13.8929, -7.3650, -1.4661

Previews

White Background



This preview shows how the HunterLab color 47.7605, 40.4055, 16.9911 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 47.7605, 40.4055, 16.9911 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 47.7605, 40.4055, 16.9911 Background



This preview shows how black text looks on a background with the HunterLab color 47.7605, 40.4055, 16.9911.



This preview shows how white text looks on a background with the HunterLab color 47.7605, 40.4055,

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

47.7605, 40.4055, 16.9911

Protanopia

48.1032, -3.4047, 11.0450

Deuteranopia

47.8666, 3.3628, 17.8473



Tritanopia

47.6724, 41.3254, 15.4179

Trichromacy



Original Color

47.7605, 40.4055, 16.9911

Protanomaly

46.9934, 11.7878, 12.3018

Deuteranomaly

47.1751, 16.8271, 16.9244

Tritanomaly

47.6328, 41.1446, 15.9944

Monochromacy



Original Color

47.7605, 40.4055, 16.9911

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

45.9594, 11.6025, 7.2076

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7605, 40.4055, 16.9911 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(212, 94, 94)` looks like.

```
.text, #text, p{  
  color:rgb(212, 94, 94)  
}
```

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(212, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 94, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7605, 40.4055, 16.9911 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(212, 94, 94) }
```


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

```
.border{ border-color:rgb(212, 94, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 94, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 94, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 94, 94);  
box-shadow:4px 4px 4px 4px rgb(212, 94,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7605, 40.4055, 16.9911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 94, 94) }
```

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

```
.background{ background-color: rgb(212, 94,  
94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor