

Converting Colors

HunterLab(40.7029, 46.1539,
25.8890)

Have a look what the booklet for
HunterLab(40.7029, 46.1539,
25.8890) contains.

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Color

**HunterLab(40.7651, 45.9769,
25.9242)**

Conversions

Conversions Part 1

Format	Color
Hex	CC4100
RGB	204, 65, 0
RGB Percent	80%, 25%, 0%
CMY	0.2000, 0.7451, 1.0000
CMYK	0.00, 0.68, 1.00, 0.20
HSL	19°, 100%, 40%
HSV	19°, 100%, 80%
XYZ	26.7921, 16.6179, 1.7955
YIQ	99.1510, 103.7090, 9.2530

Conversions

Conversions Part 2

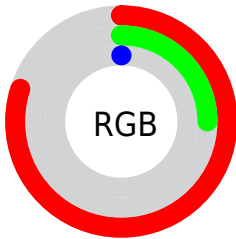
Format	Color
RYB	204, 95, 0
Decimal	13385984
CIELab	47.78, 52.94, 59.05
CIElCh	48, 79.309, 48.122
Yxy	16.6189, 0.5927, 0.3676
Android (android.graphics.Color)	4291576064 (0xFFCC4100)
YUV	99.1510, -48.8814, 91.9526
Hunter-Lab	40.7651, 45.9769, 25.9242

Details

The HunterLab color **40.7651, 45.9769, 25.9242** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **47.7729, -8.3866, -41.6076**, and the grayscale version is **35.5315, -1.8959, 1.9305**.

A 20% lighter version of the original color is **59.1595, 43.4728, 33.2030**, and **23.7965, 40.7522, 15.3767** is the 20% darker color. If you saturate the color by 10%, you get **40.7661, 45.9734, 25.9247**, and if you desaturate by 10%, it is **42.9744, 40.3527, 26.2479**.

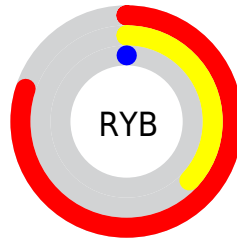
Distribution



Red (80%)

Green (25%)

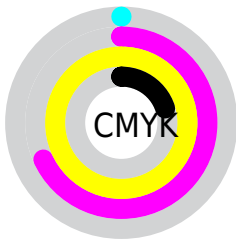
Blue (0%)



Red (80%)

Yellow (37%)

Blue (0%)

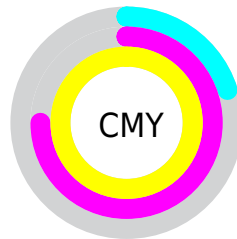


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7651, 45.9769, 25.9242 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 40.7651, 45.9769, 25.9242 by changing the saturation by 10% instead.

40.7651, 45.9769,
25.9242

40.7651, 45.9769,
25.9242

152.6325, 58.9861,
60.5709

31.5645, 44.0271,
21.2966

61.3754, 49.5641,
34.7763

23.1831, 42.0264,
16.2281

72.6863, 51.1972,
38.8784

15.7119, 40.0984,
10.9984

84.6175, 52.7255,
42.8050

9.2784, 38.6873,
6.4948

97.1383, 54.1543,
46.5818

0.0000, INF, NaN

0.0000, INF, NaN

110.2222, 55.4894,
50.2304

0.0000, NaN, NaN


123.8459, 56.7363,


0.0000, NaN, NaN


53.7686


0.0000, NaN, NaN


 137.9888, 57.9002,
57.2113


 40.7651, 45.9769,
25.9242


 40.7651, 45.9769,
25.9242


 40.7661, 45.9734,
25.9247

 42.9744, 40.3527,
26.2479

 45.5971, 34.4990,
25.9964

 48.6114, 28.6752,
25.0366

 51.9803, 23.0397,
23.4186

 55.6657, 17.6875,
21.2213

■ 59.6315, 12.6646,
18.5295

■ 63.8451, 7.9836,
15.4215

■ 68.2780, 3.6359,
11.9650

■ 72.9055, -0.3988,
8.2165

Harmonies

Analogous

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



40.7663, 71.7399, 16.2548



40.7651, 45.9769, 25.9242



40.7663, 10.8898, 28.0522

Triad

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



40.7663, 45.9728, 25.9248



40.7663, -45.7751, 12.2858



40.7663, 18.1630, -97.4756

Complementary

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



40.7651, 45.9769, 25.9242



47.7729, -8.3866, -41.6076

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.



40.7663, -13.7813, -102.0916



40.7651, 45.9769, 25.9242



40.7663, -44.8960, -19.7640

Square

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



40.7663, 45.9728, 25.9248



40.7663, -37.8597, 24.8673



40.7663, -34.9358, -67.0256



40.7663, 52.6536, -57.0336

Rectangle

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



40.7651, 45.9769, 25.9242



40.7663, -10.2948, 28.1439



40.7663, -34.9358, -67.0256



40.7663, 6.6295, -103.9864

Sweetspot

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



40.7663, 45.9728, 25.9248



81.9444, 10.5021, 20.0117



38.3577, 70.5785, -13.1217



36.8250, 6.0277, 10.0726

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.7663, 45.9728, 25.9248



52.1379, 60.0885, 33.1791



63.5045, -2.5027, 39.0873



34.3329, -0.2968, 3.7443



32.5726, 35.8215, 20.6982



8.2728, 5.8556, 5.2002

Inverse Universe

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



47.7729, -8.3866, -41.6076



61.1487, -10.2830, -54.2324



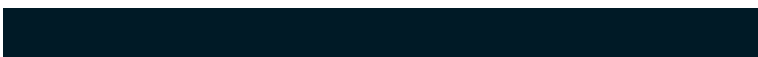
23.8911, 44.6579, -126.2652



34.7860, -3.2495, -0.0472



38.1298, -7.0049, -32.5374



9.3971, -2.6801, -5.9600

Previews

White Background



This preview shows how the HunterLab color 40.7651, 45.9769, 25.9242 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 40.7651, 45.9769, 25.9242 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 40.7651, 45.9769, 25.9242 Background



This preview shows how black text looks on a background with the HunterLab color 40.7651, 45.9769, 25.9242.



This preview shows how white text looks on a background with the HunterLab color 40.7651, 45.9769,

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

40.7651, 45.9769, 25.9242

Protanopia

40.9386, -5.3005, 24.0341

Deuteranopia

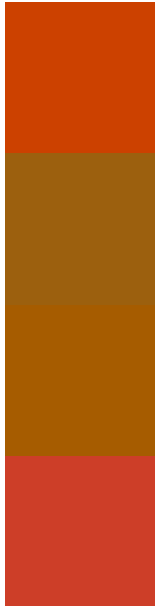
40.8098, 2.3458, 25.1879



Tritanopia

40.8357, 49.8063, 19.2069

Trichromacy



Original Color

40.7651, 45.9769, 25.9242

Protanomaly

39.3260, 12.7559, 23.8295

Deuteranomaly

39.7005, 18.4378, 24.7860

Tritanomaly

40.7156, 48.3560, 23.0120

Monochromacy



Original Color

40.7651, 45.9769, 25.9242

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.3463, 11.9850, 14.1019

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7651, 45.9769, 25.9242 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, 65, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 65, 0)  
}
```

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, 65, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 65, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7651, 45.9769, 25.9242 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, 65, 0) }
```


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

```
.border{ border-color:rgb(204, 65, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 65, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 65, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 65, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 65, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.7651, 45.9769, 25.9242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 65, 0) }
```

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

```
.background{ background-color: rgb(204, 65,  
0) }
```

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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