

Converting Colors

HunterLab(40.2823, 52.0346,
25.7327)

Have a look what the booklet for
HunterLab(40.2823, 52.0346,
25.7327) contains.

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Color

**HunterLab(40.2413, 52.0647,
25.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	D13600
RGB	209, 54, 0
RGB Percent	82%, 21%, 0%
CMY	0.1804, 0.7882, 1.0000
CMYK	0.00, 0.74, 1.00, 0.18
HSL	16°, 100%, 41%
HSV	16°, 100%, 82%
XYZ	27.6136, 16.1936, 1.6703
YIQ	94.1890, 109.7140, 16.0660

Conversions

Conversions Part 2

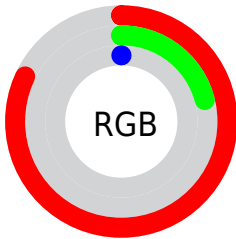
Format	Color
RYB	209, 73, 0
Decimal	13710848
CIELab	47.23, 58.62, 59.32
CIElCh	47, 83.396, 45.340
Yxy	16.1946, 0.6072, 0.3561
Android (android.graphics.Color)	4291900928 (0xFFD13600)
YUV	94.1890, -46.4352, 100.6892
Hunter-Lab	40.2413, 52.0647, 25.7080

Details

The HunterLab color **40.2413, 52.0647, 25.7080** 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 **52.9552, -14.3750, -35.1579**, and the grayscale version is **33.6671, -1.7964, 1.8292**.

A 20% lighter version of the original color is **57.5706, 47.3726, 32.3176**, and **24.5352, 42.0172, 15.8540** is the 20% darker color. If you saturate the color by 10%, you get **40.2424, 52.0608, 25.7086**, and if you desaturate by 10%, it is **42.3418, 46.4216, 25.9167**.

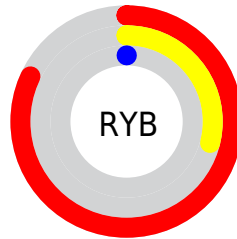
Distribution



Red (82%)

Green (21%)

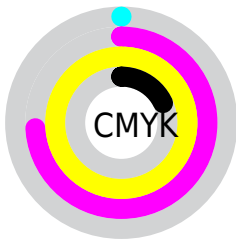
Blue (0%)



Red (82%)

Yellow (29%)

Blue (0%)

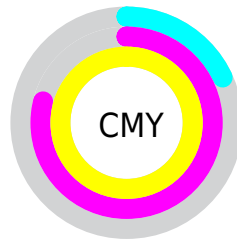


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2413, 52.0647, 25.7080 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 40.2413, 52.0647, 25.7080 by changing the saturation by 10% instead.

40.2413, 52.0647,
25.7080

40.2413, 52.0647,
25.7080

151.8181, 66.7396,
60.5684

31.0837, 49.9679,
21.1093

60.7748, 56.0071,
34.6220

22.7495, 47.8733,
15.9247

72.0507, 57.8293,
38.7514

15.3315, 45.9721,
10.7321

83.9487, 59.5484,
42.7031

8.9458, 45.0368,
6.2621

96.4380, 61.1676,
46.5030

0.0000, INF, NaN

0.0000, INF, NaN

109.4917, 62.6915,
50.1728


0.0000, NaN, NaN


123.0864, 64.1249,


0.0000, NaN, NaN


53.7307


0.0000, NaN, NaN


 137.2014, 65.4727,
57.1917


 40.2413, 52.0647,
25.7080

 40.2413, 52.0647,
25.7080


 40.2424, 52.0608,
25.7086

 42.3418, 46.4216,
25.9167

 44.9660, 40.2322,
25.5484

 48.0863, 33.8531,
24.4787

 51.6541, 27.5308,
22.7773

 55.6181, 21.4250,
20.5426

■ 59.9292, 15.6230,
17.8733

■ 64.5433, 10.1599,
14.8554

■ 69.4223, 5.0379,
11.5592

■ 74.5335, 0.2397,
8.0394

Harmonies

Analogous

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



40.2425, 77.8845, 14.9865



40.2413, 52.0647, 25.7080



40.2425, 14.9730, 28.0927

Triad

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



40.2425, 52.0603, 25.7086



40.2425, -46.6059, 14.5470



40.2425, 15.8097, -108.1568

Complementary

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



40.2413, 52.0647, 25.7080



52.9552, -14.3750, -35.1579

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.



40.2425, -16.8149, -108.7105



40.2413, 52.0647, 25.7080



40.2425, -46.5104, -16.9895

Square

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



40.2425, 52.0603, 25.7086



40.2425, -37.7310, 25.6031



40.2425, -37.4080, -67.4791



40.2425, 52.8385, -66.2912

Rectangle

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



40.2413, 52.0647, 25.7080



40.2425, -7.8178, 28.1698



40.2425, -37.4080, -67.4791



40.2425, 3.8512, -113.8677

Sweetspot

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



40.2425, 52.0603, 25.7086



80.6262, 12.9528, 18.7410



39.9763, 74.5282, -21.2055



36.1436, 7.3209, 9.4355

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.2425, 52.0603, 25.7086



50.1443, 65.9645, 32.0535



61.3063, 4.2549, 37.8511



35.0683, -0.0159, 3.6668



31.8144, 40.2350, 20.3083



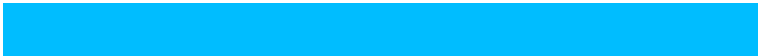
8.3446, 7.2373, 5.2686

Inverse Universe

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



52.9552, -14.3750, -35.1579



66.0750, -17.6501, -44.4866



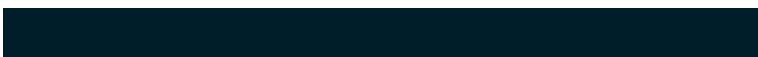
26.6118, 38.9357, -117.3131



35.8725, -3.6174, 0.1520



41.7814, -11.5754, -27.2352



10.4894, -3.5933, -5.3539

Previews

White Background



This preview shows how the HunterLab color 40.2413, 52.0647, 25.7080 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 40.2413, 52.0647, 25.7080 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 40.2413, 52.0647, 25.7080 Background



This preview shows how black text looks on a background with the HunterLab color 40.2413, 52.0647, 25.7080.



This preview shows how white text looks on a background with the HunterLab color 40.2413, 52.0647,

25.7080.

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

40.2413, 52.0647, 25.7080

Protanopia

40.4824, -5.4874, 23.5834

Deuteranopia

40.3313, 2.0615, 24.8881



Tritanopia

40.2874, 55.0565, 21.0076

Trichromacy



Original Color

40.2413, 52.0647, 25.7080

Protanomaly

38.5446, 15.0620, 23.3195

Deuteranomaly

38.8413, 20.3356, 24.2898

Tritanomaly

40.2232, 54.0286, 23.6104

Monochromacy



Original Color

40.2413, 52.0647, 25.7080

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.3953, 15.1328, 13.2532

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2413, 52.0647, 25.7080 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(209, 54, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 54, 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(209, 54, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 54, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2413, 52.0647, 25.7080 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(209, 54, 0) }
```


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

```
.border{ border-color:rgb(209, 54, 0) }
```

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

Here you see how a box with a 4 pixel rgb(209, 54, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 54, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 54, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 54, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.2413, 52.0647, 25.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 54, 0) }
```

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

```
.background{ background-color: rgb(209, 54,  
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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