

Converting Colors

HunterLab(40.9669, 45.4052,
26.0385)

Have a look what the booklet for
HunterLab(40.9669, 45.4052,
26.0385) contains.

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Color

**HunterLab(40.9070, 45.5746,
26.0045)**

Conversions

Conversions Part 1

Format	Color
Hex	CC4200
RGB	204, 66, 0
RGB Percent	80%, 26%, 0%
CMY	0.2000, 0.7411, 1.0000
CMYK	0.00, 0.68, 1.00, 0.20
HSL	19°, 100%, 40%
HSV	19°, 100%, 80%
XYZ	26.8501, 16.7338, 1.8148
YIQ	99.7380, 103.4340, 8.7300

Conversions

Conversions Part 2

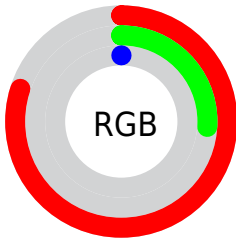
Format	Color
RYB	204, 98, 0
Decimal	13386240
CIELab	47.92, 52.54, 59.12
CIELCh	48, 79.095, 48.374
Yxy	16.7348, 0.5914, 0.3686
Android (android.graphics.Color)	4291576320 (0xFFCC4200)
YUV	99.7380, -49.1708, 91.4378
Hunter-Lab	40.9070, 45.5746, 26.0045

Details

The HunterLab color **40.9070, 45.5746, 26.0045** 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 **47.4710, -7.9203, -42.2366**, and the grayscale version is **35.7532, -1.9077, 1.9425**.

A 20% lighter version of the original color is **59.3635, 42.9741, 33.3338**, and **23.7965, 40.7522, 15.3767** is the 20% darker color. If you saturate the color by 10%, you get **40.9078, 45.5717, 26.0050**, and if you desaturate by 10%, it is **43.1261, 39.9512, 26.3375**.

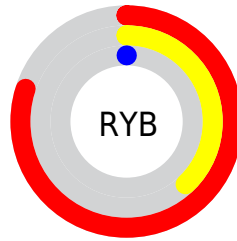
Distribution



Red (80%)

Green (26%)

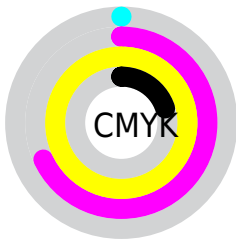
Blue (0%)



Red (80%)

Yellow (38%)

Blue (0%)

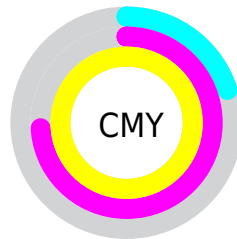


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9070, 45.5746, 26.0045 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 40.9070, 45.5746, 26.0045 by changing the saturation by 10% instead.

40.9070, 45.5746,
26.0045

40.9070, 45.5746,
26.0045

152.8527, 58.4533,
60.6689

31.6948, 43.6372,
21.3672

61.5380, 49.1329,
34.8593

23.3007, 41.6451,
16.3105

72.8583, 50.7510,
38.9632

15.8153, 39.7161,
11.0707

84.7984, 52.2644,
42.8917

9.3662, 38.2671,
6.5563

97.3278, 53.6784,
46.6707

0.0000, INF, NaN

0.0000, INF, NaN

110.4198, 54.9988,
50.3214

0.0000, NaN, NaN

124.0513, 56.2314,

0.0000, NaN, NaN

53.8619

0.0000, NaN, NaN

138.2018, 57.3813,
57.3069

40.9070, 45.5746,
26.0045

40.9070, 45.5746,
26.0045

40.9078, 45.5717,
26.0050

43.1261, 39.9512,
26.3375

45.7514, 34.1187,
26.0936

48.7616, 28.3300,
25.1394

52.1205, 22.7380,
23.5234

55.7909, 17.4337,
21.3234

■ 59.7375, 12.4609,
18.6232

■ 63.9286, 7.8307,
15.5007

■ 68.3360, 3.5339,
12.0236

■ 72.9358, -0.4500,
8.2484

Harmonies

Analogous

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



40.9082, 71.3941, 16.4004



40.9070, 45.5746, 26.0045



40.9082, 10.5707, 28.1134

Triad

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



40.9082, 45.5706, 26.0051



40.9082, -45.8105, 12.1079



40.9082, 18.4114, -96.8249

Complementary

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



40.9070, 45.5746, 26.0045



47.4710, -7.9203, -42.2366

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.



40.9082, -13.5469, -101.7833



40.9070, 45.5746, 26.0045



40.9082, -44.8583, -20.0554

Square

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



40.9082, 45.5706, 26.0051



40.9082, -37.9615, 24.8516



40.9082, -34.7987, -67.1495



40.9082, 52.7650, -56.4080

Rectangle

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



40.9070, 45.5746, 26.0045



40.9082, -10.5303, 28.1924



40.9082, -34.7987, -67.1495



40.9082, 6.8881, -103.4154

Sweetspot

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



40.9082, 45.5706, 26.0051



82.0523, 10.3033, 20.1150



38.3578, 70.5784, -13.1220



36.8809, 5.9228, 10.1245

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.9082, 45.5706, 26.0051



52.3178, 59.5738, 33.2809



63.5047, -2.5029, 39.0874



34.3460, -0.3192, 3.7586



32.6865, 35.5017, 20.7628



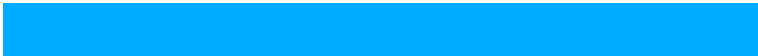
8.3006, 5.7884, 5.2161

Inverse Universe

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



47.4710, -7.9203, -42.2366



60.7557, -9.6733, -55.0574



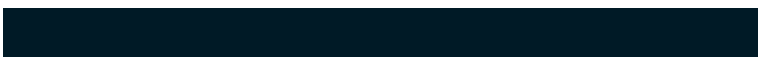
23.8914, 44.6571, -126.2634



34.7724, -3.2275, -0.0635



37.8929, -6.6411, -33.0266



9.3529, -2.6168, -6.0415

Previews

White Background



This preview shows how the HunterLab color 40.9070, 45.5746, 26.0045 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 40.9070, 45.5746, 26.0045 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 40.9070, 45.5746, 26.0045 Background



This preview shows how black text looks on a background with the HunterLab color 40.9070, 45.5746, 26.0045.



This preview shows how white text looks on a background with the HunterLab color 40.9070, 45.5746,

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

40.9070, 45.5746, 26.0045

Protanopia

41.2147, -5.7370, 24.2039

Deuteranopia

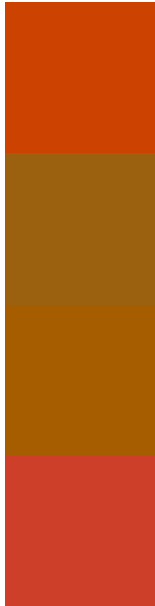
41.0689, 1.8880, 25.3395



Tritanopia

40.9812, 49.4787, 19.1011

Trichromacy



Original Color

40.9070, 45.5746, 26.0045

Protanomaly

39.5588, 12.2828, 23.9683

Deuteranomaly

39.9195, 17.9620, 24.9127

Tritanomaly

40.8586, 48.0021, 22.9731

Monochromacy



Original Color

40.9070, 45.5746, 26.0045

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.7112, 11.9640, 14.1614

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9070, 45.5746, 26.0045 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, 66, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 66, 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, 66, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 66, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9070, 45.5746, 26.0045 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, 66, 0) }
```


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

```
.border{ border-color:rgb(204, 66, 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, 66, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 66, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 66, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 66, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.9070, 45.5746, 26.0045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 66, 0) }
```

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

```
.background{ background-color: rgb(204, 66,  
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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