

Converting Colors

HunterLab(42.8950, 40.1320,
27.1343)

Have a look what the booklet for
HunterLab(42.8950, 40.1320,
27.1343) contains.

HunterLab(42.9294, 40.0408, 27.1539)	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>	30

Color

**HunterLab(42.9294, 40.0408,
27.1539)**

Conversions

Conversions Part 1

Format	Color
Hex	CC4F00
RGB	204, 79, 0
RGB Percent	80%, 31%, 0%
CMY	0.2000, 0.6902, 1.0000
CMYK	0.00, 0.61, 1.00, 0.20
HSL	23°, 100%, 40%
HSV	23°, 100%, 80%
XYZ	27.6978, 18.4293, 2.0974
YIQ	107.3690, 99.8590, 1.9310

Conversions

Conversions Part 2

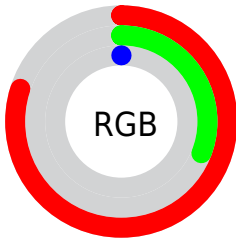
Format	Color
RYB	204, 129, 0
Decimal	13389568
CIELab	50.01, 46.95, 60.20
CIELCh	50, 76.345, 52.050
Yxy	18.4304, 0.5743, 0.3822
Android (android.graphics.Color)	4291579648 (0xFFCC4F00)
YUV	107.3690, -52.9329, 84.7454
Hunter-Lab	42.9294, 40.0408, 27.1539

Details

The HunterLab color **42.9294, 40.0408, 27.1539** 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 **43.6182, -1.7206, -50.8043**, and the grayscale version is **38.6542, -2.0625, 2.1002**.

A 20% lighter version of the original color is **61.7248, 37.5399, 34.4510**, and **25.0510, 36.6138, 16.0773** is the 20% darker color. If you saturate the color by 10%, you get **42.9303, 40.0378, 27.1544**, and if you desaturate by 10%, it is **45.2310, 34.5660, 27.5839**.

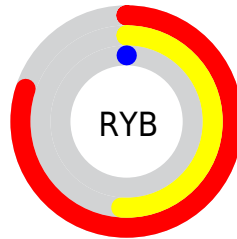
Distribution



Red (80%)

Green (31%)

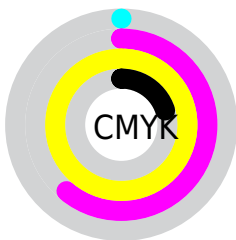
Blue (0%)



Red (80%)

Yellow (51%)

Blue (0%)

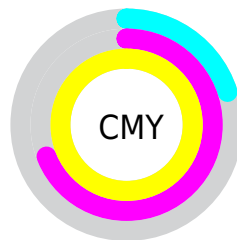


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.9294, 40.0408, 27.1539 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 42.9294, 40.0408, 27.1539 by changing the saturation by 10% instead.

42.9294, 40.0408,
27.1539

42.9294, 40.0408,
27.1539

155.9763, 51.0551,
62.0957

33.5551, 38.2955,
22.4030

63.8509, 43.1758,
36.0542

24.9832, 36.4541,
17.4883

75.3035, 44.5783,
40.1865

17.2990, 34.5721,
12.1093

87.3691, 45.8780,
44.1462

10.6200, 32.8647,
7.4340

100.0181, 47.0815,
47.9580

0.3941, 536.6002,
0.2758

113.2247, 48.1953,
51.6429

0.0000, INF, NaN

0.0000, NaN, NaN


126.9663, 49.2254,


55.2182


0.0000, NaN, NaN


 141.2228, 50.1770,
58.6984


0.0000, NaN, NaN


 42.9294, 40.0408,
27.1539


 42.9294, 40.0408,
27.1539

 42.9303, 40.0378,
27.1544

 45.2310, 34.5660,
27.5839

 47.8518, 29.0977,
27.4185

 50.7781, 23.8152,
26.5177

 53.9837, 18.8129,
24.9133

 57.4418, 14.1420,
22.6673

■ 61.1269, 9.8219,
19.8518

■ 65.0156, 5.8509,
16.5380

■ 69.0870, 2.2144,
12.7914

■ 73.3227, -1.1097,
8.6694

Harmonies

Analogous

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



42.9306, 66.6790, 18.4443



42.9294, 40.0408, 27.1539



42.9306, 6.1199, 29.0261

Triad

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



42.9306, 40.0370, 27.1544



42.9306, -46.2941, 9.3566



42.9306, 22.0083, -88.1505

Complementary

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



42.9294, 40.0408, 27.1539



43.6182, -1.7206, -50.8043

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.



42.9306, -10.1041, -97.7164



42.9294, 40.0408, 27.1539



42.9306, -44.2388, -24.3156

Square

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



42.9306, 40.0370, 27.1544



42.9306, -39.4321, 24.4316



42.9306, -32.7251, -69.0036



42.9306, 54.4085, -48.0531

Rectangle

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



42.9294, 40.0408, 27.1539



42.9306, -13.8598, 28.9345



42.9306, -32.7251, -69.0036



42.9306, 10.6451, -95.8065

Sweetspot

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



42.9306, 40.0370, 27.1544



83.4676, 7.7219, 21.4612



37.8663, 68.8111, -6.2632



37.6149, 4.5607, 10.8009

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.9306, 40.0370, 27.1544



54.8980, 52.4530, 34.7462



67.4985, -9.0016, 41.4346



34.5170, -0.6101, 3.9451



34.3053, 31.1156, 21.6835



8.6790, 4.9012, 5.4337

Inverse Universe

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



43.6182, -1.7206, -50.8043



55.7479, -1.5681, -66.2948



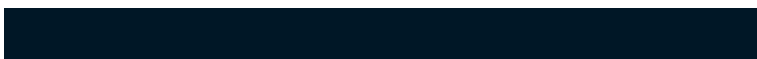
22.3714, 50.3868, -136.7323



34.5962, -2.9411, -0.2762



34.8711, -1.8097, -39.6792



8.7854, -1.7811, -7.1362

Previews

White Background



This preview shows how the HunterLab color 42.9294, 40.0408, 27.1539 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 42.9294, 40.0408, 27.1539 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 42.9294, 40.0408, 27.1539 Background



This preview shows how black text looks on a background with the HunterLab color 42.9294, 40.0408, 27.1539.



This preview shows how white text looks on a background with the HunterLab color 42.9294, 40.0408,

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

42.9294, 40.0408, 27.1539

Protanopia

43.1675, -5.9320, 25.5868

Tritanopia

43.0923, 45.8641, 17.4392

Trichromacy



Original Color

42.9294, 40.0408, 27.1539

Protanomaly

41.9593, 10.0433, 25.4929

Tritanomaly

42.8699, 42.9660, 22.9950

Monochromacy



Original Color

42.9294, 40.0408, 27.1539

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.3634, 9.5126, 15.3539

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.9294, 40.0408, 27.1539 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, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 79, 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, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 79, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 42.9294, 40.0408, 27.1539 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, 79, 0) }
```

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

```
.border{ border-color:rgb(204, 79, 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, 79, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 79, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 79, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 79, 0)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 42.9294, 40.0408, 27.1539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 79, 0) }
```

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

```
.background{ background-color: rgb(204, 79,  
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](#).

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