

Converting Colors

HunterLab(40.6532, 4.8827,
25.1358)

Have a look what the booklet for
HunterLab(40.6532, 4.8827,
25.1358) contains.

HunterLab(40.7480, 4.7677, 25.1922)	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(40.7480, 4.7677,
25.1922)**

Conversions

Conversions Part 1

Format	Color
Hex	946A00
RGB	148, 106, 0
RGB Percent	58%, 42%, 0%
CMY	0.4196, 0.5843, 1.0000
CMYK	0.00, 0.28, 1.00, 0.42
HSL	43°, 100%, 29%
HSV	43°, 100%, 58%
XYZ	17.3668, 16.6040, 2.2896
YIQ	106.4740, 59.0580, -24.0620

Conversions

Conversions Part 2

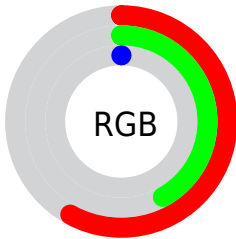
Format	Color
RYB	59, 148, 0
Decimal	9726464
CIELab	47.76, 8.91, 54.72
CIELCh	48, 55.443, 80.755
Yxy	16.6048, 0.4789, 0.4579
Android (android.graphics.Color)	4287916544 (0xFF946A00)
YUV	106.4740, -52.4917, 36.4183
Hunter-Lab	40.7480, 4.7677, 25.1922

Details

The HunterLab color **40.7480, 4.7677, 25.1922** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **19.4786, 22.4844, -72.8829**, and the grayscale version is **38.3225, -2.0448, 2.0821**.

A 20% lighter version of the original color is **61.3054, 4.4649, 33.4467**, and **23.2449, 5.2241, 14.4148** is the 20% darker color. If you saturate the color by 10%, you get **40.7486, 4.7663, 25.1925**, and if you desaturate by 10%, it is **41.8637, 3.0417, 25.2197**.

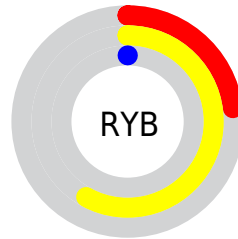
Distribution



Red (58%)

Green (42%)

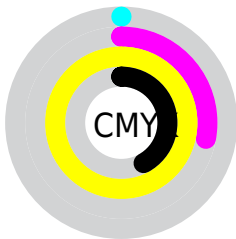
Blue (0%)



Red (23%)

Yellow (58%)

Blue (0%)

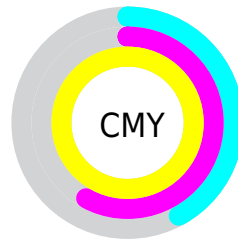


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7480, 4.7677, 25.1922 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 40.7480, 4.7677, 25.1922 by changing the saturation by 10% instead.

40.7480, 4.7677,
25.1922

40.7480, 4.7677,
25.1922

152.6056, 2.4286,
57.5882

31.5486, 4.7275,
20.7205

61.3556, 4.6189,
33.4603

23.1687, 4.5983,
16.2181

72.6653, 4.4511,
37.2883

15.6994, 4.3581,
10.9896

84.5954, 4.2285,
40.9542

9.2676, 3.9810,
6.4873

97.1152, 3.9557,
44.4830

0.0000, NaN, NaN

0.0000, NaN, NaN

110.1981, 3.6364,
47.8953

0.0000, NaN, NaN

123.8208, 3.2738,

0.0000, NaN, NaN

51.2081

0.0000, NaN, NaN

■ 137.9628, 2.8704,
54.4353

■ 40.7480, 4.7677,
25.1922

■ 40.7480, 4.7677,
25.1922

■ 40.7486, 4.7663,
25.1925

■ 41.8637, 3.0417,
25.2197

■ 43.0273, 1.4705,
24.8826

■ 44.2495, 0.1145,
24.0217

■ 45.5312, -1.0131,
22.6138

■ 46.8720, -1.9057,
20.6527

■ 48.2710, -2.5620,
18.1434

■ 49.7270, -2.9841,
15.0989

■ 51.2382, -3.1769,
11.5377

■ 52.8029, -3.1473,
7.4816

Harmonies

Analogous

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



40.7490, 27.8162, 22.5709



40.7480, 4.7677, 25.1922



40.7490, -15.9696, 24.6438

Triad

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



40.7490, 4.7656, 25.1925



40.7490, -34.3859, -14.5587



40.7490, 35.5548, -31.8516

Complementary

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



40.7480, 4.7677, 25.1922



19.4786, 22.4844, -72.8829

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.



40.7490, 13.7369, -55.3153



40.7480, 4.7677, 25.1922



40.7490, -25.4123, -42.2157

Square

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



40.7490, 4.7656, 25.1925



40.7490, -35.7973, 8.1083



40.7490, -8.6828, -59.8701



40.7490, 47.8913, -4.7083

Rectangle

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



40.7480, 4.7677, 25.1922



40.7490, -26.0526, 22.3168



40.7490, -8.6828, -59.8701



40.7490, 28.8949, -40.9191

Sweetspot

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



40.7490, 4.7656, 25.1925



65.9352, -3.9388, 20.3199



25.4576, 44.3219, 10.8199



31.1456, -1.7933, 10.4803



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



40.7490, 4.7656, 25.1925



53.8466, 6.8476, 33.2999



50.0593, -23.0076, 30.4433



25.4349, -1.5068, 3.4307



37.7235, 4.2894, 23.3202



4.7372, -0.4913, 2.9105

Inverse Universe

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



19.4786, 22.4844, -72.8829



25.3695, 31.3338, -99.3504



15.5188, 40.3514, -96.7697



24.2592, -1.0606, -0.8823



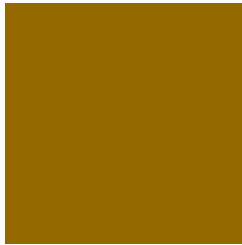
18.1169, 20.4527, -66.7960



2.9186, 0.2314, -4.1476

Previews

White Background



This preview shows how the HunterLab color 40.7480, 4.7677, 25.1922 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 40.7480, 4.7677, 25.1922 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 40.7480, 4.7677, 25.1922 Background



This preview shows how black text looks on a background with the HunterLab color 40.7480, 4.7677, 25.1922.



This preview shows how white text looks on a background with the HunterLab color 40.7480, 4.7677,

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

40.7480, 4.7677, 25.1922

Protanopia

40.7965, -5.9002, 24.6597

Deuteranopia

40.8098, 2.3458, 25.1879



Tritanopia

40.9104, 16.5444, 5.7367

Trichromacy



Original Color

40.7480, 4.7677, 25.1922

Protanomaly

40.6607, -2.1940, 24.7653

Deuteranomaly

40.6634, 3.1774, 25.1122

Tritanomaly

40.6046, 10.3878, 17.4484

Monochromacy



Original Color

40.7480, 4.7677, 25.1922

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.4425, -2.0253, 15.4627

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7480, 4.7677, 25.1922 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(148, 106, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 106, 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(148, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 106, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7480, 4.7677, 25.1922 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(148, 106, 0) }
```


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

```
.border{ border-color:rgb(148, 106, 0) }
```

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

Here you see how a box with a 4 pixel rgb(148, 106, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 106,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7480, 4.7677, 25.1922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 106, 0) }
```

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

```
.background{ background-color: rgb(148,  
106, 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