

Converting Colors

HunterLab(40.2658, -1.5720,
24.7841)

Have a look what the booklet for
HunterLab(40.2658, -1.5720,
24.7841) contains.

HunterLab(40.3767, -1.8368, 24.8478)	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(40.3767, -1.8368,
24.8478)**

Conversions

Conversions Part 1

Format	Color
Hex	876E00
RGB	135, 110, 0
RGB Percent	53%, 43%, 0%
CMY	0.4706, 0.5686, 1.0000
CMYK	0.00, 0.19, 1.00, 0.47
HSL	49°, 100%, 26%
HSV	49°, 100%, 53%
XYZ	15.5676, 16.3028, 2.3262
YIQ	104.9350, 50.2100, -28.9100

Conversions

Conversions Part 2

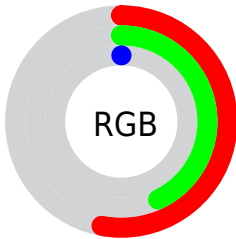
Format	Color
RYB	31, 135, 0
Decimal	8875520
CIELab	47.37, 0.42, 53.76
CIELCh	47, 53.762, 89.550
Yxy	16.3036, 0.4552, 0.4767
Android (android.graphics.Color)	4287065600 (0xFF876E00)
YUV	104.9350, -51.7330, 26.3670
Hunter-Lab	40.3767, -1.8368, 24.8478

Details

The HunterLab color **40.3767, -1.8368, 24.8478** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **15.6353, 26.5341, -76.8208**, and the grayscale version is **37.7377, -2.0136, 2.0504**.

A 20% lighter version of the original color is **60.8638, -2.8303, 33.0148**, and **23.0312, -0.2286, 14.1877** is the 20% darker color. If you saturate the color by 10%, you get **40.3774, -1.8382, 24.8482**, and if you desaturate by 10%, it is **41.0865, -2.7482, 24.6947**.

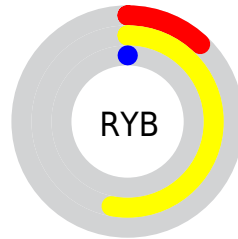
Distribution



Red (53%)

Green (43%)

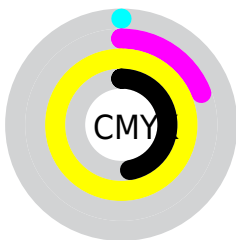
Blue (0%)



Red (12%)

Yellow (53%)

Blue (0%)

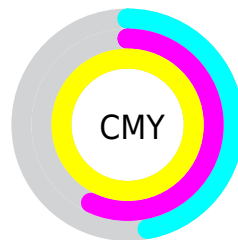


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3767, -1.8368, 24.8478 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 40.3767, -1.8368, 24.8478 by changing the saturation by 10% instead.

40.3767, -1.8368,
24.8478

40.3767, -1.8368,
24.8478

152.0284, -7.6257,
56.7904

31.2077, -1.3749,
20.4281

60.9298, -2.8897,
33.0020

22.8613, -0.9578,
16.0029

72.2148, -3.4712,
36.7756

15.4295, -0.5930,
10.8007

84.1214, -4.0871,
40.3891

9.0329, -0.2789,
6.3230

96.6188, -4.7354,
43.8676

0.0000, NaN, NaN

0.0000, NaN, NaN

109.6804, -5.4147,
47.2317

0.0000, NaN, NaN

123.2825, -6.1237,

0.0000, NaN, NaN

50.4981

0.0000, NaN, NaN

■ 137.4047, -6.8610,
53.6805

■ 40.3767, -1.8368,
24.8478

■ 40.3767, -1.8368,
24.8478

■ 40.3774, -1.8382,
24.8482

■ 41.0865, -2.7482,
24.6947

■ 41.8237, -3.5365,
24.2392

■ 42.6000, -4.1418,
23.3203

■ 43.4175, -4.5504,
21.9072

■ 44.2775, -4.7538,
19.9827

■ 45.1805, -4.7474,
17.5398

■ 46.1268, -4.5296,
14.5787

■ 47.1162, -4.1012,
11.1059

■ 48.1482, -3.4652,
7.1323

Harmonies

Analogous

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



40.3777, 20.4556, 23.2880



40.3767, -1.8368, 24.8478



40.3777, -20.2322, 23.3875

Triad

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



40.3777, -1.8386, 24.8481



40.3777, -31.6639, -21.7574



40.3777, 38.9658, -22.5697

Complementary

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



40.3767, -1.8368, 24.8478



15.6353, 26.5341, -76.8208

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.



40.3777, 19.7920, -47.6492



40.3767, -1.8368, 24.8478



40.3777, -20.6792, -47.0348

Square

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



40.3777, -1.8386, 24.8481



40.3777, -35.1667, 2.4988



40.3777, -2.4737, -58.3182



40.3777, 46.7756, 1.8946

Rectangle

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



40.3767, -1.8368, 24.8478



40.3777, -28.5579, 20.0408



40.3777, -2.4737, -58.3182



40.3777, 33.4655, -31.5844

Sweetspot

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



40.3777, -1.8386, 24.8481



61.6401, -6.0901, 19.7991



22.8695, 39.5094, 12.0948



29.4372, -2.9947, 10.2585



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



40.3777, -1.8386, 24.8481



53.8337, -2.1255, 33.1349



44.4231, -24.1715, 26.9499



22.9791, -1.6191, 3.2187



38.7964, -1.8034, 23.8746



2.4812, -0.4231, 1.5215

Inverse Universe

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



15.6353, 26.5341, -76.8208



20.4869, 37.0207, -105.5239



14.8683, 37.2249, -81.5901



21.6191, -0.6862, -0.9533



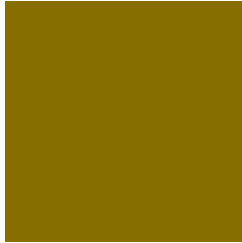
15.0653, 25.3056, -73.4579



1.2585, 0.5061, -2.6655

Previews

White Background



This preview shows how the HunterLab color 40.3767, -1.8368, 24.8478 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 40.3767, -1.8368, 24.8478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

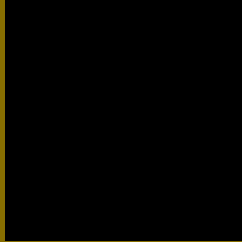
Any Text WCAG AA × Fail

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 40.3767, -1.8368, 24.8478 Background



This preview shows how black text looks on a background with the HunterLab color 40.3767, -1.8368, 24.8478.

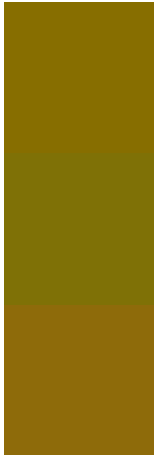


This preview shows how white text looks on a background with the HunterLab color 40.3767, -1.8368,

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

40.3767, -1.8368, 24.8478

Protanopia

40.4171, -5.8506, 24.5497

Deuteranopia

40.3585, 2.2074, 24.4855



Tritanopia

40.3624, 11.4034, 3.4012

Trichromacy



Original Color

40.3767, -1.8368, 24.8478

Protanomaly

40.4264, -4.4175, 24.6648

Deuteranomaly

40.2830, 0.5930, 24.5790

Tritanomaly

40.0429, 4.8349, 16.1794

Monochromacy



Original Color

40.3767, -1.8368, 24.8478

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.2539, -4.0756, 15.2703

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3767, -1.8368, 24.8478 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(135, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 110, 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(135, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 110, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3767, -1.8368, 24.8478 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(135, 110, 0) }
```


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

```
.border{ border-color:rgb(135, 110, 0) }
```

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

Here you see how a box with a 4 pixel rgb(135, 110, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 110,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3767, -1.8368, 24.8478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 110, 0) }
```

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

```
.background{ background-color: rgb(135,  
110, 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