

Converting Colors

HunterLab(37.8437, 39.8745,
26.4906)

Have a look what the booklet for
HunterLab(37.8437, 39.8745,
26.4906) contains.

HunterLab(38.0600, 40.4185, 24.1600)	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(38.0600, 40.4185,
24.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4000
RGB	189, 64, 0
RGB Percent	74%, 25%, 0%
CMY	0.2588, 0.7490, 1.0000
CMYK	0.00, 0.66, 1.00, 0.26
HSL	20°, 100%, 37%
HSV	20°, 100%, 74%
XYZ	22.8197, 14.4856, 1.5933
YIQ	94.0790, 95.0440, 6.5960

Conversions

Conversions Part 2

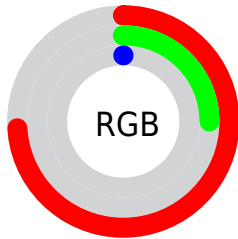
Format	Color
RYB	189, 97, 0
Decimal	12402688
CIELab	44.92, 48.17, 56.12
CIELCh	45, 73.954, 49.361
Yxy	14.4865, 0.5866, 0.3724
Android (android.graphics.Color)	4290592768 (0xFFBD4000)
YUV	94.0790, -46.3809, 83.2457
Hunter-Lab	38.0600, 40.4185, 24.1600

Details

The HunterLab color **38.0600, 40.4185, 24.1600** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **42.8248, -6.0939, -40.3722**, and the grayscale version is **33.6292, -1.7944, 1.8271**.

A 20% lighter version of the original color is **58.2243, 44.0604, 32.7071**, and **21.2415, 36.3768, 13.7258** is the 20% darker color. If you saturate the color by 10%, you get **38.0609, 40.4155, 24.1605**, and if you desaturate by 10%, it is **40.1305, 35.2887, 24.4422**.

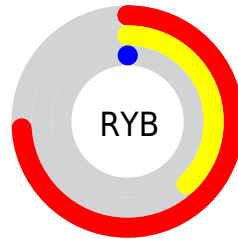
Distribution



Red (74%)

Green (25%)

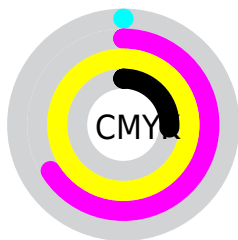
Blue (0%)



Red (74%)

Yellow (38%)

Blue (0%)

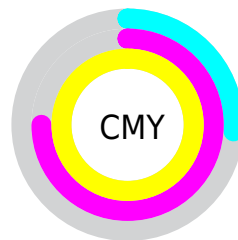


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0600, 40.4185, 24.1600 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 38.0600, 40.4185, 24.1600 by changing the saturation by 10% instead.

38.0600, 40.4185,
24.1600

38.0600, 40.4185,
24.1600

148.4037, 52.2418,
57.6560

29.0857, 38.5816,
19.7767

58.2664, 43.7541,
32.7515

20.9536, 36.6779,
14.6675

69.3939, 45.2546,
36.7206

13.7635, 34.8290,
9.6344

81.1514, 46.6486,
40.5151

7.3822, 35.7676,
5.1676

93.5069, 47.9426,
44.1616

0.0000, INF, NaN

0.0000, NaN, NaN

106.4326, 49.1430,
47.6823

0.0000, NaN, NaN


119.9045, 50.2561,


0.0000, NaN, NaN


51.0953


0.0000, NaN, NaN


 133.9012, 51.2873,
54.4157


 38.0600, 40.4185,
24.1600


 38.0600, 40.4185,
24.1600


 38.0609, 40.4155,
24.1605

 40.1305, 35.2887,
24.4422

 42.5480, 30.0271,
24.2115

 45.2959, 24.8479,
23.3301

 48.3434, 19.8726,
21.8399

 51.6595, 15.1719,
19.8081

■ 55.2145, 10.7781,
17.3080

■ 58.9818, 6.6975,
14.4086

■ 62.9376, 2.9200,
11.1707

■ 67.0617, -0.5736,
7.6454

Harmonies

Analogous

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



38.0611, 64.3254, 15.5738



38.0600, 40.4185, 24.1600



38.0611, 8.5719, 26.1232

Triad

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



38.0611, 40.4148, 24.1605



38.0611, -42.1802, 10.4616



38.0611, 17.7952, -86.6160

Complementary

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



38.0600, 40.4185, 24.1600



42.8248, -6.0939, -40.3722

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.



38.0611, -11.5903, -92.3690



38.0600, 40.4185, 24.1600



38.0611, -41.0397, -19.4622

Square

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



38.0611, 40.4148, 24.1605



38.0611, -35.2152, 22.7424



38.0611, -31.4462, -62.0976



38.0611, 48.8439, -49.5970

Rectangle

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



38.0600, 40.4185, 24.1600



38.0611, -10.5067, 26.1544



38.0611, -31.4462, -62.0976



38.0611, 7.2540, -92.9452

Sweetspot

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



38.0611, 40.4148, 24.1605



78.6860, 9.2166, 19.4806



35.1072, 64.4124, -10.5749



35.4908, 5.3221, 9.8156



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



38.0611, 40.4148, 24.1605



50.5454, 55.1790, 32.1119



59.2471, -3.8747, 36.4399



31.7022, -0.3721, 3.4881



31.4248, 32.5854, 19.9343



7.1422, 4.1356, 4.4734

Inverse Universe

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



42.8248, -6.0939, -40.3722



56.9072, -7.5168, -54.9024



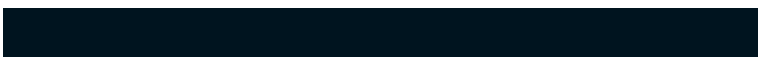
21.6345, 42.0765, -117.8719



32.0163, -2.9013, -0.0861



35.3346, -5.3231, -32.6742



7.7817, -2.2304, -4.9116

Previews

White Background



This preview shows how the HunterLab color 38.0600, 40.4185, 24.1600 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 38.0600, 40.4185, 24.1600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

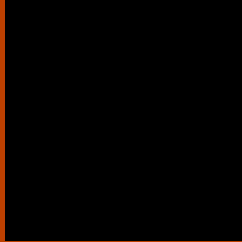
Any Text WCAG AA × Fail

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 38.0600, 40.4185, 24.1600 Background



This preview shows how black text looks on a background with the HunterLab color 38.0600, 40.4185, 24.1600.



This preview shows how white text looks on a background with the HunterLab color 38.0600, 40.4185,

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

38.0600, 40.4185, 24.1600

Protanopia

38.2503, -5.0159, 22.4560

Deuteranopia

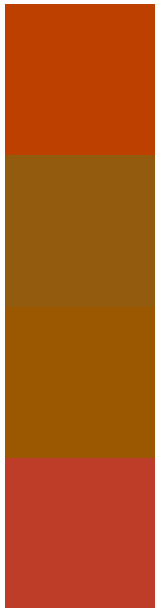
38.2801, 1.7567, 23.6188



Tritanopia

38.1284, 44.4540, 16.9602

Trichromacy



Original Color

38.0600, 40.4185, 24.1600

Protanomaly

36.9083, 11.1848, 22.3269

Deuteranomaly

37.3470, 15.9290, 23.2919

Tritanomaly

37.9972, 42.9006, 21.0323

Monochromacy



Original Color

38.0600, 40.4185, 24.1600

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.4363, 10.6848, 13.2099

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0600, 40.4185, 24.1600 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(189, 64, 0)` looks like.

```
.text, #text, p{  
    color:rgb(189, 64, 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(189, 64, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 64, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0600, 40.4185, 24.1600 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(189, 64, 0) }
```


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

```
.border{ border-color:rgb(189, 64, 0) }
```

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

Here you see how a box with a 4 pixel rgb(189, 64, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 64, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 64, 0);  
box-shadow:4px 4px 4px 4px rgb(189, 64, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.0600, 40.4185, 24.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 64, 0) }
```

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

```
.background{ background-color: rgb(189, 64,  
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