

Converting Colors

HunterLab(40.8818, 34.7794,
25.8000)

Have a look what the booklet for
HunterLab(40.8818, 34.7794,
25.8000) contains.

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Color

**HunterLab(40.8269, 34.7161,
25.7651)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4F00
RGB	191, 79, 0
RGB Percent	75%, 31%, 0%
CMY	0.2510, 0.6902, 1.0000
CMYK	0.00, 0.59, 1.00, 0.25
HSL	25°, 100%, 37%
HSV	25°, 100%, 75%
XYZ	24.2819, 16.6684, 1.9375
YIQ	103.4820, 92.1110, -0.8250

Conversions

Conversions Part 2

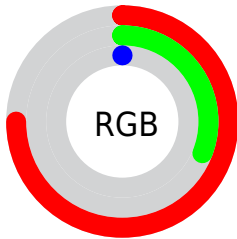
Format	Color
R _Y B	191, 135, 0
Decimal	12537600
CIE Lab	47.84, 42.09, 57.85
CIE LCh	48, 71.543, 53.964
Yxy	16.6693, 0.5662, 0.3887
Android (android.graphics.Color)	4290727680 (0xFFBF4F00)
YUV	103.4820, -51.0166, 76.7533
Hunter-Lab	40.8269, 34.7161, 25.7651

Details

The HunterLab color **40.8269, 34.7161, 25.7651** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **39.1779, 0.6816, -50.4399**, and the grayscale version is **37.1741, -1.9835, 2.0197**.

A 20% lighter version of the original color is **61.3430, 37.5755, 34.3252**, and **23.2506, 31.6511, 14.8810** is the 20% darker color. If you saturate the color by 10%, you get **40.8276, 34.7136, 25.7655**, and if you desaturate by 10%, it is **42.9778, 29.7752, 26.1476**.

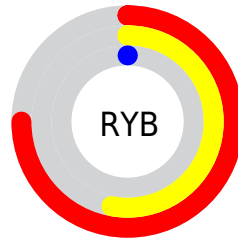
Distribution



Red (75%)

Green (31%)

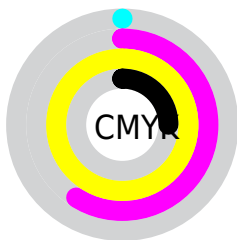
Blue (0%)



Red (75%)

Yellow (53%)

Blue (0%)

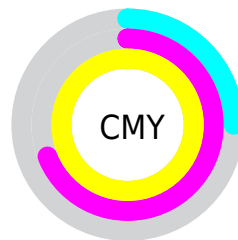


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8269, 34.7161, 25.7651 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 40.8269, 34.7161, 25.7651 by changing the saturation by 10% instead.

40.8269, 34.7161,
25.7651

40.8269, 34.7161,
25.7651

152.7283, 44.3802,
59.7804

31.6212, 33.1135,
21.1662

61.4462, 37.5489,
34.4535

23.2342, 31.3999,
16.2640

72.7611, 38.7976,
38.4786

15.7569, 29.6186,
11.0298

84.6962, 39.9438,
42.3319

9.3167, 27.9707,
6.5217

97.2207, 40.9952,
46.0391

0.0000, INF, NaN

0.0000, NaN, NaN

110.3082, 41.9587,
49.6214


0.0000, NaN, NaN


123.9353, 42.8405,


0.0000, NaN, NaN

53.0964

0.0000, NaN, NaN


 138.0815, 43.6460,
56.4787


 40.8269, 34.7161,
25.7651


 40.8269, 34.7161,
25.7651


 40.8276, 34.7136,
25.7655

 42.9778, 29.7752,
26.1476

 45.3916, 24.9006,
25.9883

 48.0595, 20.2375,
25.1437

 50.9610, 15.8550,
23.6386

 54.0748, 11.7887,
21.5244

■ 57.3809, 8.0498,
18.8628

■ 60.8604, 4.6335,
15.7162

■ 64.4966, 1.5250,
12.1432

■ 68.2743, -1.2959,
8.1961

Harmonies

Analogous

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



40.8281, 59.8479, 18.0711



40.8269, 34.7161, 25.7651



40.8281, 3.6573, 27.4286

Triad

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



40.8281, 34.7126, 25.7656



40.8281, -43.2144, 7.2658



40.8281, 22.1620, -78.1595

Complementary

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



40.8269, 34.7161, 25.7651



39.1779, 0.6816, -50.4399

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.



40.8281, -7.7080, -89.0414



40.8269, 34.7161, 25.7651



40.8281, -40.7505, -24.6479

Square

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



40.8281, 34.7126, 25.7656



40.8281, -37.3283, 22.3700



40.8281, -29.3512, -65.0091



40.8281, 51.3373, -41.0478

Rectangle

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



40.8269, 34.7161, 25.7651



40.8281, -14.4172, 27.2542



40.8281, -29.3512, -65.0091



40.8281, 11.6918, -85.7284

Sweetspot

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



40.8281, 34.7126, 25.7656



81.2219, 6.4095, 21.2473



35.0785, 63.5748, -4.4835



37.1189, 3.8978, 10.8281



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



40.8281, 34.7126, 25.7656



54.2240, 47.5275, 34.2446



63.6736, -9.8933, 39.0620



31.8861, -0.6843, 3.6884



33.3250, 27.5616, 21.0172



7.5120, 3.3136, 4.6869

Inverse Universe

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



39.1779, 0.6816, -50.4399



51.9604, 1.7314, -68.6837



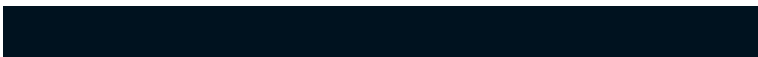
20.5690, 47.6488, -128.5689



31.8273, -2.5935, -0.3144



32.0138, 0.1153, -40.2634



7.2635, -1.4692, -5.9073

Previews

White Background



This preview shows how the HunterLab color 40.8269, 34.7161, 25.7651 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 40.8269, 34.7161, 25.7651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

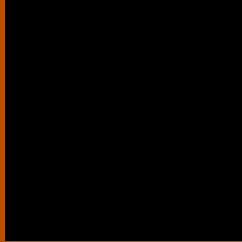
Any Text WCAG AA × Fail

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 40.8269, 34.7161, 25.7651 Background



This preview shows how black text looks on a background with the HunterLab color 40.8269, 34.7161, 25.7651.



This preview shows how white text looks on a background with the HunterLab color 40.8269, 34.7161,

25.7651.

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

40.8269, 34.7161, 25.7651

Protanopia

41.1974, -5.8333, 24.4599

Deuteranopia

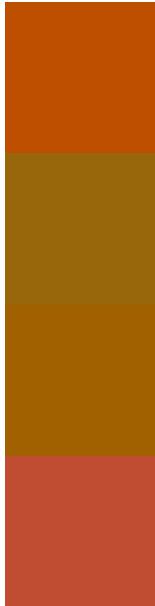
40.8098, 2.3458, 25.1879



Tritanopia

40.9696, 40.7818, 15.5284

Trichromacy



Original Color

40.8269, 34.7161, 25.7651

Protanomaly

40.2521, 8.3195, 24.4824

Deuteranomaly

40.1578, 14.0567, 24.9911

Tritanomaly

40.7500, 37.7515, 21.3803

Monochromacy



Original Color

40.8269, 34.7161, 25.7651

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.8099, 8.2135, 14.5238

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8269, 34.7161, 25.7651 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(191, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 79, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8269, 34.7161, 25.7651 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(191, 79, 0) }
```


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

```
.border{ border-color:rgb(191, 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(191, 79, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 79, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 79, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 79, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.8269, 34.7161, 25.7651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 79, 0) }
```

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

```
.background{ background-color: rgb(191, 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](#).

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