

Converting Colors

HunterLab(41.0215, -5.5384,
23.6175)

Have a look what the booklet for
HunterLab(41.0215, -5.5384,
23.6175) contains.

HunterLab(40.8750, -5.4633, 23.4978)	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(40.8750, -5.4633,
23.4978)**

Conversions

Conversions Part 1

Format	Color
Hex	80721C
RGB	128, 114, 28
RGB Percent	50%, 45%, 11%
CMY	0.4980, 0.5529, 0.8902
CMYK	0.00, 0.11, 0.78, 0.50
HSL	52°, 64%, 31%
HSV	52°, 78%, 50%
XYZ	15.1290, 16.7077, 3.5261
YIQ	108.3820, 35.9500, -23.7780

Conversions

Conversions Part 2

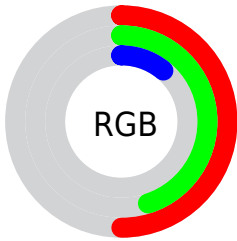
Format	Color
R_{YB}	44, 128, 28
Decimal	8417820
CIE Lab	47.89, -4.41, 46.40
CIE LCh	48, 46.614, 95.434
Yxy	16.7085, 0.4278, 0.4725
Android (android.graphics.Color)	4286607900 (0xFF80721C)
YUV	108.3820, -39.6283, 17.2050
Hunter-Lab	40.8750, -5.4633, 23.4978

Details

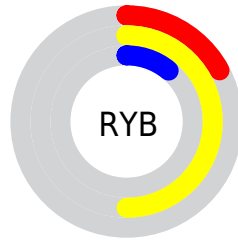
The HunterLab color **40.8750, -5.4633, 23.4978** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **18.6045, 17.3634, -53.3138**, and the grayscale version is **39.0075, -2.0813, 2.1194**.

A 20% lighter version of the original color is **61.6663, -7.1410, 30.7614**, and **23.3086, -3.0456, 14.3094** is the 20% darker color. If you saturate the color by 10%, you get **40.3230, -5.0169, 24.0833**, and if you desaturate by 10%, it is **41.4626, -5.7419, 22.4745**.

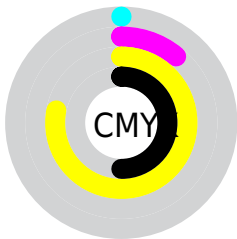
Distribution



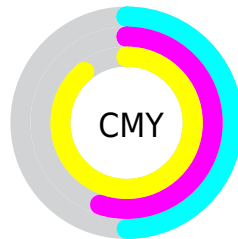
- Red (50%)
- Green (45%)
- Blue (11%)



- Red (17%)
- Yellow (50%)
- Blue (11%)



- Cyan (0%)
- Magenta (11%)
- Yellow (78%)
- Black (50%)



- Cyan (50%)
- Magenta (55%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8750, -5.4633, 23.4978 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 40.8750, -5.4633, 23.4978 by changing the saturation by 10% instead.

40.8750, -5.4633,
23.4978

40.8750, -5.4633,
23.4978

152.8027,
-13.3026, 51.5505

31.6652, -4.6962,
19.6017

61.5011, -7.0597,
30.6126

23.2739, -3.9431,
15.9921

72.8192, -7.8881,
33.9097

15.7918, -3.1996,
11.0542

84.7573, -8.7377,
37.0738

9.3463, -2.5572,
6.5424

97.2847, -9.6086,
40.1277

0.0000, NaN, NaN

0.0000, NaN, NaN

110.3749,
-10.5008, 43.0891

0.0000, NaN, NaN

124.0047,

0.0000, NaN, NaN

-11.4140, 45.9727

0.0000, NaN, NaN

138.1534,
-12.3480, 48.7899

40.8750, -5.4633,
23.4978

40.8750, -5.4633,
23.4978

40.3230, -5.0169,
24.0833

41.4626, -5.7419,
22.4745

39.7960, -4.4410,
24.3416

42.0851, -5.8352,
20.9823

39.6978, -4.3307,
24.3858

42.7448, -5.7362,
19.0027

43.4427, -5.4397,
16.5255

44.1795, -4.9431,
13.5475

■ 44.9553, -4.2463,
10.0708

■ 45.7702, -3.3507,
6.1024

■ 46.6239, -2.2594,
1.6528

■ 47.5160, -0.9770,
-3.2644

Harmonies

Analogous

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



40.8760, 13.5119, 22.4709



40.8750, -5.4633, 23.4978



40.8760, -20.6620, 21.1906

Triad

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



40.8760, -5.4649, 23.4981



40.8760, -27.1011, -22.3515



40.8760, 35.0284, -14.2961

Complementary

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



40.8750, -5.4633, 23.4978



18.6045, 17.3634, -53.3138

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.



40.8760, 20.3027, -35.5627



40.8750, -5.4633, 23.4978



40.8760, -15.8178, -41.4724

Square

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



40.8760, -5.4649, 23.4981



40.8760, -31.6651, -1.0762



40.8760, 1.2054, -47.1458



40.8760, 39.1134, 5.2719

Rectangle

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



40.8750, -5.4633, 23.4978



40.8760, -27.3281, 17.0333



40.8760, 1.2054, -47.1458



40.8760, 31.0458, -21.7096

Sweetspot

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



40.8760, -5.4649, 23.4981



59.0882, -6.1673, 15.9388



23.6522, 32.2168, 9.4086



28.4379, -3.1151, 8.3851



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



40.8760, -5.4649, 23.4981



52.9443, -6.0306, 32.1986



42.2484, -21.3628, 24.1173



22.1812, -1.6732, 3.1602



39.5322, -4.3154, 24.2840

0.0000, NaN, NaN

Inverse Universe

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



18.6045, 17.3634, -53.3138



19.5651, 34.1353, -96.3085



18.5634, 28.6855, -53.2854



20.7398, -0.5453, -0.9898



14.0464, 27.2323, -76.3435

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.8750, -5.4633, 23.4978 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 40.8750, -5.4633, 23.4978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

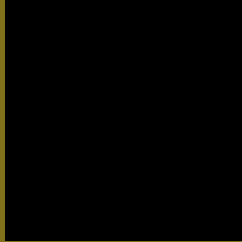
Any Text WCAG AA × Fail

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 40.8750, -5.4633, 23.4978 Background



This preview shows how black text looks on a background with the HunterLab color 40.8750, -5.4633, 23.4978.



This preview shows how white text looks on a background with the HunterLab color 40.8750, -5.4633,

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

40.8750, -5.4633, 23.4978

Protanopia

40.8750, -5.4633, 23.4978

Deuteranopia

40.8212, 2.6264, 23.3170



Tritanopia

40.7605, 7.8460, 1.6608

Trichromacy



Original Color

40.8750, -5.4633, 23.4978

Protanomaly

40.8750, -5.4633, 23.4978

Deuteranomaly

40.8030, -0.1353, 23.3555

Tritanomaly

40.5800, 1.7649, 13.0793

Monochromacy



Original Color

40.8750, -5.4633, 23.4978

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.1934, -4.5660, 12.8808

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8750, -5.4633, 23.4978 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(128, 114, 28)` looks like.

```
.text, #text, p{  
    color:rgb(128, 114, 28)  
}
```

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(128, 114, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 114, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8750, -5.4633, 23.4978 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(128, 114, 28) }
```


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

```
.border{ border-color:rgb(128, 114, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 114, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 114, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 114, 28);  
box-shadow:4px 4px 4px 4px rgb(128, 114,  
28) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8750, -5.4633, 23.4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 114, 28) }
```

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

```
.background{ background-color: rgb(128,  
114, 28) }
```

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