

Converting Colors

HunterLab(68.6923, -50.5614,
41.1910)

Have a look what the booklet for
HunterLab(68.6923, -50.5614,
41.1910) contains.

HunterLab(68.7803, -50.7433, 41.2462)	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(68.7803,
-50.7433, 41.2462)**

Conversions

Conversions Part 1

Format	Color
Hex	5AD00A
RGB	90, 208, 10
RGB Percent	35%, 82%, 4%
CMY	0.6471, 0.1843, 0.9607
CMYK	0.57, 0.00, 0.95, 0.18
HSL	96°, 91%, 43%
HSV	96°, 95%, 82%
XYZ	26.8271, 47.3073, 8.0045
YIQ	150.1460, -6.7700, -86.5940

Conversions

Conversions Part 2

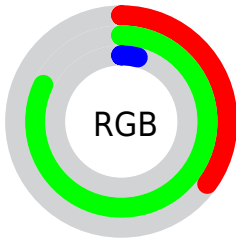
Format	Color
RYB	10, 208, 128
Decimal	5951498
CIELab	74.39, -61.61, 72.05
CIELCh	74, 94.806, 130.534
Yxy	47.3093, 0.3266, 0.5759
Android (android.graphics.Color)	4284141578 (0xFF5AD00A)
YUV	150.1460, -69.0920, -52.7480
Hunter-Lab	68.7803, -50.7433, 41.2462

Details

The HunterLab color **68.7803, -50.7433, 41.2462** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **30.5997, 65.4579, -95.6291**, and the grayscale version is **55.5592, -2.9645, 3.0186**.

A 20% lighter version of the original color is **88.8073, -54.1331, 47.8971**, and **47.3883, -40.6354, 28.4890** is the 20% darker color. If you saturate the color by 10%, you get **68.5563, -51.7171, 41.3387**, and if you desaturate by 10%, it is **69.3252, -48.3832, 40.7724**.

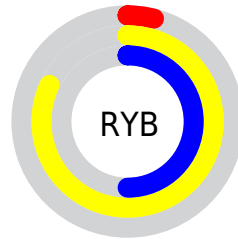
Distribution



Red (35%)

Green (82%)

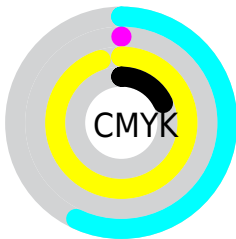
Blue (4%)



Red (4%)

Yellow (82%)

Blue (50%)

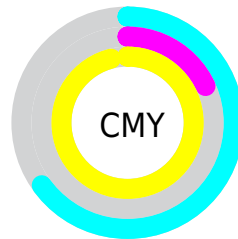


Cyan (57%)

Magenta (0%)

Yellow (95%)

Black (18%)



Cyan (65%)

Magenta (18%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.7803, -50.7433, 41.2462 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 68.7803, -50.7433, 41.2462 by changing the saturation by 10% instead.

■ 68.7803, -50.7433,
41.2462

■ 68.7803, -50.7433,
41.2462

193.9195,
-82.5374, 78.9632

■ 57.6890, -46.5597,
36.2604

■ 92.8306, -58.5617,
50.6009

■ 47.2665, -42.1314,
31.0404

■ 105.7264,
-62.2563, 55.0158

■ 37.5604, -37.3929,
25.7983

■ 119.1696,
-65.8380, 59.2838

■ 28.6281, -32.2482,
20.0397

■ 133.1387,
-69.3234, 63.4227

■ 20.5437, -26.5526,
14.3806

■ 147.6146,
-72.7260, 67.4479

■ 13.4075, -23.3335,
9.3853

■ 162.5801,

■ 6.9691, -12.1960,

-76.0567, 71.3724

4.8784

178.0198,
-79.3246, 75.2076

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.7803, -50.7433,
41.2462

■ 68.7803, -50.7433,
41.2462

■ 68.5563, -51.7171,
41.3387

■ 69.3252, -48.3832,
40.7724

■ 69.9923, -45.4384,
39.6187

■ 70.7913, -41.8812,
37.6919

■ 71.7273, -37.7023,
34.9341

■ 72.8036, -32.9074,

31.3138

■ 74.0216, -27.5140,
26.8211

■ 75.3813, -21.5493,
21.4635

■ 76.8815, -15.0472,
15.2628

■ 78.5199, -8.0465,
8.2521

Harmonies

Analogous

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



68.7818, -18.5660, 45.2647



68.7803, -50.7433, 41.2462



68.7818, -66.9753, 25.6445

Triad

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



68.7818, -50.7445, 41.2465



68.7818, -29.8224, -124.8668



68.7818, 101.7150, 16.9732

Complementary

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



68.7803, -50.7433, 41.2462



30.5997, 65.4579, -95.6291

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.



68.7818, 96.4839, -29.1059



68.7803, -50.7433, 41.2462



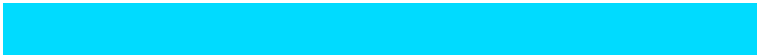
68.7818, 12.6044, -133.0808

Square

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



68.7818, -50.7445, 41.2465



68.7818, -57.1830, -72.4908



68.7818, 60.9089, -90.7120



68.7818, 73.7840, 38.3324

Rectangle

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



68.7803, -50.7433, 41.2462



68.7818, -69.8125, 2.9837



68.7818, 60.9089, -90.7120



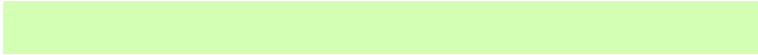
68.7818, 103.9217, 4.4956

Sweetspot

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



68.7818, -50.7445, 41.2465



94.1784, -30.3428, 29.9627



53.1318, 19.4547, 32.7589



43.2341, -15.5194, 15.1808

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.7818, -50.7445, 41.2465



86.2578, -65.3731, 52.0072



67.2721, -57.0303, 39.5657



36.6551, -5.2136, 5.3304



54.1706, -40.6233, 32.6685



12.9866, -8.8712, 7.8470

Inverse Universe

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



30.5997, 65.4579, -95.6291



37.2755, 83.2041, -126.0566



41.7277, 79.1873, -43.3521



34.2943, 1.5575, -1.7371



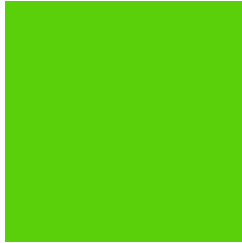
23.5916, 52.4322, -78.0165



5.9735, 12.8864, -16.7345

Previews

White Background



This preview shows how the HunterLab color 68.7803, -50.7433, 41.2462 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 68.7803, -50.7433, 41.2462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

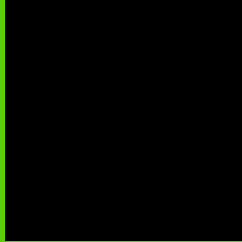
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 68.7803, -50.7433, 41.2462 Background



This preview shows how black text looks on a background with the HunterLab color 68.7803, -50.7433, 41.2462.



This preview shows how white text looks on a background with the HunterLab color 68.7803, -50.7433, 41.2462.

-50.7433, 41.2462.

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

68.7803, -50.7433, 41.2462

Protanopia

68.1433, -9.4819, 41.8236

Deuteranopia

67.9565, 5.0608, 39.8841



Tritanopia

68.4697, -19.1799, -10.3794

Trichromacy



Original Color

68.7803, -50.7433, 41.2462



Protanomaly

67.1244, -27.6999, 40.7754



Deuteranomaly

66.5336, -19.9321, 39.4310



Tritanomaly

67.4606, -35.6603, 20.1441

Monochromacy



Original Color

68.7803, -50.7433, 41.2462



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

58.8353, -24.9386, 23.9218

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.7803, -50.7433, 41.2462 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(90, 208, 10)` looks like.

```
.text, #text, p{  
    color:rgb(90, 208, 10)  
}
```

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(90, 208, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 208, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 68.7803, -50.7433, 41.2462 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(90, 208, 10) }
```


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

```
.border{ border-color:rgb(90, 208, 10) }
```

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

Here you see how a box with a 4 pixel rgb(90, 208, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 208, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 208, 10);  
box-shadow:4px 4px 4px 4px rgb(90, 208,  
10) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.7803, -50.7433, 41.2462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 208, 10) }
```

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

```
.background{ background-color: rgb(90, 208,  
10) }
```

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