

Converting Colors

HunterLab(68.7834, -48.1429,
41.5405)

Have a look what the booklet for
HunterLab(68.7834, -48.1429,
41.5405) contains.

HunterLab(68.9269, -48.3531, 41.6259)	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(68.9269,
-48.3531, 41.6259)**

Conversions

Conversions Part 1

Format	Color
Hex	67CF00
RGB	103, 207, 0
RGB Percent	40%, 81%, 0%
CMY	0.5961, 0.1882, 0.9999
CMYK	0.50, 0.00, 1.00, 0.19
HSL	90°, 100%, 41%
HSV	90°, 100%, 81%
XYZ	27.9063, 47.5092, 7.6994
YIQ	152.3060, 4.4630, -86.4250

Conversions

Conversions Part 2

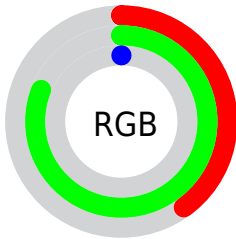
Format	Color
RYB	0, 207, 104
Decimal	6803200
CIELab	74.52, -57.83, 73.35
CIELCh	75, 93.406, 128.250
Yxy	47.5112, 0.3358, 0.5716
Android (android.graphics.Color)	4284993280 (0xFF67CF00)
YUV	152.3060, -75.0869, -43.2414
Hunter-Lab	68.9269, -48.3531, 41.6259

Details

The HunterLab color $68.9269, -48.3531, 41.6259$ is a dark color, and the websafe version is hex $66CC00$. The color can be described as dark washed chartreuse. A complement of this color would be $27.2959, 63.2443, -110.3026$, and the grayscale version is $56.4542, -3.0123, 3.0673$.

A 20% lighter version of the original color is $89.4042, -51.7869, 48.7567$, and $47.7112, -39.2582, 28.7121$ is the 20% darker color. If you saturate the color by 10%, you get $68.9278, -48.3570, 41.6264$, and if you desaturate by 10%, it is $69.4393, -46.1788, 41.3853$.

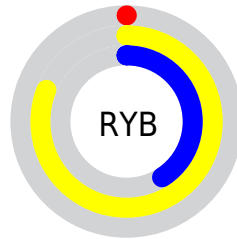
Distribution



Red (40%)

Green (81%)

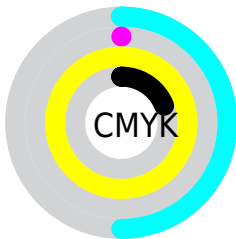
Blue (0%)



Red (0%)

Yellow (81%)

Blue (41%)

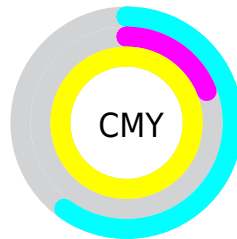


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (60%)

Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.9269, -48.3531, 41.6259 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 68.9269, -48.3531, 41.6259 by changing the saturation by 10% instead.

68.9269, -48.3531,
41.6259

68.9269, -48.3531,
41.6259

194.1266,
-78.4795, 79.9330

57.8273, -44.4135,
36.5637

92.9926, -55.7316,
51.1284

47.3959, -40.2496,
31.2675

105.8956,
-59.2253, 55.6135

37.6803, -35.8008,
26.0024

119.3456,
-62.6165, 59.9493

28.7376, -30.9776,
20.1163

133.3214,
-65.9204, 64.1535

20.6417, -25.6435,
14.4492

147.8037,
-69.1494, 68.2416

13.4926, -22.0815,
9.4448

162.7754,

7.0704, -12.3732,

-72.3136, 72.2269

4.9493

178.2211,
-75.4213, 76.1207

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.9269, -48.3531,
41.6259

■ 68.9269, -48.3531,
41.6259

■ 68.9278, -48.3570,
41.6264

■ 69.4393, -46.1788,
41.3853

■ 70.0437, -43.5622,
40.5890

■ 70.7545, -40.4391,
39.0563

■ 71.5776, -36.7901,
36.7119

■ 72.5168, -32.6101,

33.5082

■ 73.5745, -27.9046,
29.4201

■ 74.7516, -22.6880,
24.4400

■ 76.0481, -16.9813,
18.5755

■ 77.4631, -10.8108,
11.8463

Harmonies

Analogous

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



68.9284, -15.3251, 45.2350



68.9269, -48.3531, 41.6259



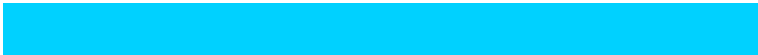
68.9284, -65.6326, 27.2778

Triad

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



68.9284, -48.3544, 41.6262



68.9284, -32.1253, -119.3593



68.9284, 100.6907, 14.2609

Complementary

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



68.9269, -48.3531, 41.6259



27.2959, 63.2443, -110.3026

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.



68.9284, 92.9643, -32.9063



68.9269, -48.3531, 41.6259



68.9284, 8.7901, -131.4045

Square

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



68.9284, -48.3544, 41.6262



68.9284, -58.0173, -66.3068



68.9284, 56.4058, -93.1067



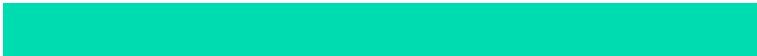
68.9284, 75.4566, 37.1522

Rectangle

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



68.9269, -48.3531, 41.6259



68.9284, -69.1470, 6.1470



68.9284, 56.4058, -93.1067



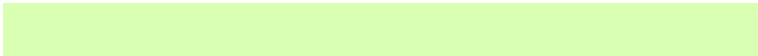
68.9284, 101.9633, 1.2677

Sweetspot

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



68.9284, -48.3544, 41.6262



94.5721, -28.9806, 31.1963



48.0305, 29.7983, 30.1169



43.4517, -14.7428, 15.7329

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.9284, -48.3544, 41.6262



87.1904, -61.4967, 52.6497



66.8041, -57.2836, 40.1609



36.7300, -4.9467, 5.4162



54.7618, -38.1708, 33.0757



13.1299, -8.2862, 7.9455

Inverse Universe

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



27.2959, 63.2443, -110.3026



34.3798, 79.8765, -140.5737



42.1565, 82.8774, -55.5994



34.2131, 1.2826, -1.8464



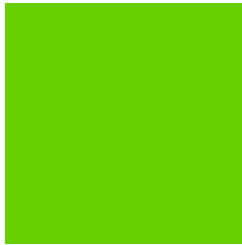
21.7934, 50.3454, -86.8734



5.5923, 12.4148, -18.3843

Previews

White Background



This preview shows how the HunterLab color 68.9269, -48.3531, 41.6259 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 68.9269, -48.3531, 41.6259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

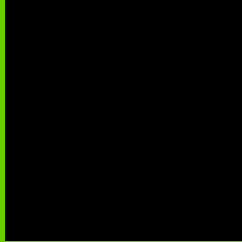
Any Text WCAG AA ✓ Pass

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 68.9269, -48.3531, 41.6259 Background



This preview shows how black text looks on a background with the HunterLab color 68.9269, -48.3531, 41.6259.



This preview shows how white text looks on a background with the HunterLab color 68.9269, -48.3531, 41.6259.

-48.3531, 41.6259.

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

68.9269, -48.3531, 41.6259

Protanopia

68.4442, -9.9552, 42.0007

Deuteranopia

68.3464, 4.9053, 40.3004



Tritanopia

68.6139, -17.0676, -9.5846

Trichromacy



Original Color

68.9269, -48.3531, 41.6259



Protanomaly

67.8411, -26.6367, 41.3370



Deuteranomaly

66.9659, -18.3650, 40.0245



Tritanomaly

67.5747, -33.6841, 21.8961

Monochromacy



Original Color

68.9269, -48.3531, 41.6259



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

59.5285, -23.9882, 24.9973

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.9269, -48.3531, 41.6259 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(103, 207, 0)` looks like.

```
.text, #text, p{  
    color:rgb(103, 207, 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(103, 207, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 207, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 68.9269, -48.3531, 41.6259 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(103, 207, 0) }
```


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

```
.border{ border-color:rgb(103, 207, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 207, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 207, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 207, 0);  
box-shadow:4px 4px 4px 4px rgb(103, 207,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.9269, -48.3531, 41.6259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 207, 0) }
```

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

```
.background{ background-color: rgb(103,  
207, 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