

# Converting Colors

HunterLab(50.1215, -35.3408,  
30.2659)

Have a look what the booklet for  
HunterLab(50.1215, -35.3408,  
30.2659) contains.

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# Color

**HunterLab(50.2720,  
-35.4611, 30.3566)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B9C00
RGB	75, 156, 0
RGB Percent	29%, 61%, 0%
CMY	0.7059, 0.3882, 1.0000
CMYK	0.52, 0.00, 1.00, 0.39
HSL	91°, 100%, 31%
HSV	91°, 100%, 61%
XYZ	14.7901, 25.2727, 4.0986
YIQ	113.9970, 1.8000, -65.6880

# Conversions

## Conversions Part 2

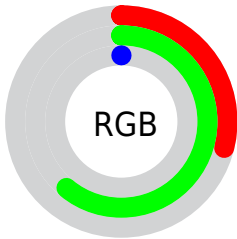
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 156, 81
Decimal	4955136
CIELab	57.34, -47.19, 59.42
CIELCh	57, 75.877, 128.454
Yxy	25.2738, 0.3349, 0.5723
Android (android.graphics.Color)	4283145216 (0xFF4B9C00)
YUV	113.9970, -56.2005, -34.2004
Hunter-Lab	50.2720, -35.4611, 30.3566

# Details

The HunterLab color  $50.2720, -35.4611, 30.3566$  is a dark color, and the websafe version is hex  $339900$ . A complement of this color would be  $20.3732, 46.6683, -78.1658$ , and the grayscale version is  $41.2295, -2.1999, 2.2401$ .

A 20% lighter version of the original color is  $72.0757, -42.0597, 38.7726$ , and  $31.4653, -26.9815, 18.9164$  is the 20% darker color. If you saturate the color by 10%, you get  $50.2728, -35.4632, 30.3570$ , and if you desaturate by 10%, it is  $50.6535, -33.8260, 30.0641$ .

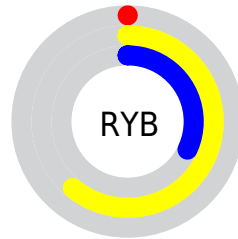
# Distribution



Red (29%)

Green (61%)

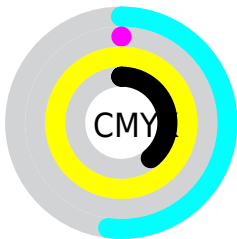
Blue (0%)



Red (0%)

Yellow (61%)

Blue (32%)

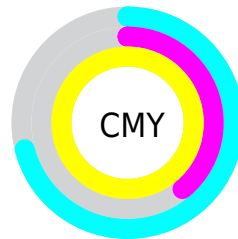


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (71%)

Magenta (39%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.2720, -35.4611, 30.3566 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 50.2720, -35.4611, 30.3566 by changing the saturation by 10% instead.



■ 50.2720, -35.4611,  
30.3566

■ 50.2720, -35.4611,  
30.3566

167.0925,  
-62.1896, 63.9806

■ 40.3499, -31.8690,  
25.7765

■ 72.1811, -42.0879,  
38.8318

■ 31.1823, -28.0107,  
21.1680

■ 84.0860, -45.1959,  
42.7877

■ 22.8384, -23.7893,  
15.9869

■ 96.5817, -48.2011,  
46.5918

■ 15.4094, -19.1732,  
10.7866

■ 109.6416,  
-51.1212, 50.2658

■ 9.0151, -15.7764,  
6.3106

■ 123.2423,  
-53.9701, 53.8278

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 137.3630,

-56.7588, 57.2929

0.0000, NaN, NaN

151.9853,  
-59.4962, 60.6736

0.0000, NaN, NaN

50.2720, -35.4611,  
30.3566

50.2720, -35.4611,  
30.3566

50.2728, -35.4632,  
30.3570

50.6535, -33.8260,  
30.0641

51.1003, -31.8818,  
29.4084

51.6250, -29.5690,  
28.2275

52.2314, -26.8763,  
26.4731

52.9220, -23.8019,  
24.1157

■ 53.6982, -20.3511,  
21.1399

■ 54.5606, -16.5352,  
17.5426

■ 55.5091, -12.3703,  
13.3306

■ 56.5429, -7.8755,  
8.5188

# Harmonies

## Analogous

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



50.2731, -11.3999, 33.0117



50.2720, -35.4611, 30.3566



50.2731, -48.0060, 19.8113

# Triad

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



50.2731, -35.4620, 30.3568



50.2731, -23.3101, -87.5770



50.2731, 73.6280, 10.5907

# Complementary

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



50.2720, -35.4611, 30.3566



20.3732, 46.6683, -78.1658

# 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.



50.2731, 68.1422, -23.7944



50.2720, -35.4611, 30.3566



50.2731, 6.6669, -96.1381

# Square

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



50.2731, -35.4620, 30.3568



50.2731, -42.3068, -48.8419



50.2731, 41.4942, -67.8818



50.2731, 55.0167, 27.1979



# Rectangle

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



50.2720, -35.4611, 30.3566



50.2731, -50.5268, 4.2869



50.2731, 41.4942, -67.8818



50.2731, 74.6177, 1.1351

# Sweetspot

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



50.2731, -35.4620, 30.3568



73.4564, -22.6069, 23.9568



35.9095, 19.7949, 22.4732



34.2397, -11.5670, 12.1621



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805



# Same Dimension

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



50.2731, -35.4620, 30.3568



67.6654, -48.1466, 40.8522



48.7686, -41.7768, 29.2284



27.4766, -3.6552, 3.9508



45.6478, -32.0923, 27.5661



6.3059, -3.4730, 3.8249



# Inverse Universe

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



20.3732, 46.6683, -78.1658



27.2392, 62.6525, -106.4629



30.6296, 60.0041, -38.7506



25.6830, 0.9036, -1.2571



18.5447, 42.4194, -70.6592



2.9431, 6.2413, -7.4090



# Previews

## White Background



This preview shows how the HunterLab color 50.2720, -35.4611, 30.3566 looks on a white 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



# Black Background



This preview shows how the HunterLab color 50.2720, -35.4611, 30.3566 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

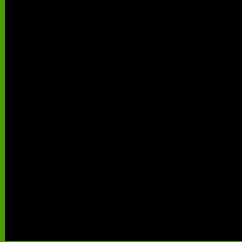
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

## HunterLab 50.2720, -35.4611, 30.3566 Background



This preview shows how black text looks on a background with the HunterLab color 50.2720, -35.4611, 30.3566.



This preview shows how white text looks on a background with the HunterLab color 50.2720,

-35.4611, 30.3566.

# 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

50.2720, -35.4611, 30.3566

### Protanopia

49.8597, -6.8350, 30.6036

### Deuteranopia

49.8399, 3.2357, 29.1422



## Tritanopia

50.2260, -12.7618, -6.9292

# Trichromacy



## Original Color

50.2720, -35.4611, 30.3566

## Protanomaly

49.3783, -19.2554, 30.0896

## Deuteranomaly

48.8202, -13.4966, 29.0427

## Tritanomaly

49.5367, -24.8280, 15.6592

# Monochromacy



## Original Color

50.2720, -35.4611, 30.3566

## Achromatopsia

41.0207, -2.1888, 2.2287

## Achromatomaly

43.4636, -17.2985, 17.8807

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 50.2720, -35.4611, 30.3566 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(75, 156, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 156, 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(75, 156, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 156, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 50.2720, -35.4611, 30.3566 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(75, 156, 0) }
```



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

```
.border{ border-color:rgb(75, 156, 0) }
```

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

Here you see how a box with a 4 pixel rgb(75, 156, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 156, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 156, 0);  
box-shadow:4px 4px 4px 4px rgb(75, 156, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 50.2720, -35.4611, 30.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 156, 0) }
```

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

```
.background{ background-color: rgb(75, 156,  
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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