

Converting Colors

HunterLab(68.4318, -36.1350,
40.9658)

Have a look what the booklet for
HunterLab(68.4318, -36.1350,
40.9658) contains.

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Color

**HunterLab(68.4300,
-36.1465, 40.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	90C714
RGB	144, 199, 20
RGB Percent	56%, 78%, 8%
CMY	0.4353, 0.2196, 0.9215
CMYK	0.28, 0.00, 0.90, 0.22
HSL	78°, 82%, 43%
HSV	78°, 90%, 78%
XYZ	32.0513, 46.8266, 8.0110
YIQ	162.1490, 24.6790, -67.3290

Conversions

Conversions Part 2

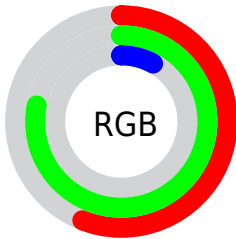
Format	Color
R_{YB}	20, 199, 75
Decimal	9488148
CIE _{Lab}	74.08, -40.25, 71.50
CIE _{LCh}	74, 82.053, 119.377
Yxy	46.8287, 0.3689, 0.5389
Android (android.graphics.Color)	4287678228 (0xFF90C714)
YUV	162.1490, -70.0795, -15.9167
Hunter-Lab	68.4300, -36.1465, 40.9600

Details

The HunterLab color **68.4300, -36.1465, 40.9600** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **24.7410, 53.8344, -113.3043**, and the grayscale version is **60.4426, -3.2251, 3.2840**.

A 20% lighter version of the original color is **92.0767, -41.1763, 50.0714**, and **47.1986, -29.4396, 28.5681** is the 20% darker color. If you saturate the color by 10%, you get **68.0019, -37.9268, 41.2356**, and if you desaturate by 10%, it is **68.9177, -34.0858, 40.1495**.

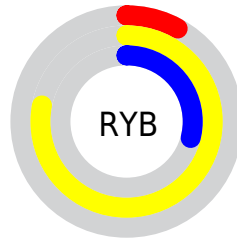
Distribution



Red (56%)

Green (78%)

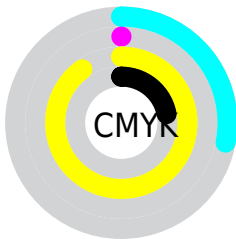
Blue (8%)



Red (8%)

Yellow (78%)

Blue (29%)

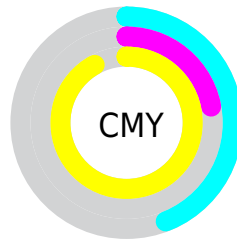


Cyan (28%)

Magenta (0%)

Yellow (90%)

Black (22%)



Cyan (44%)

Magenta (22%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.4300, -36.1465, 40.9600 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 68.4300, -36.1465, 40.9600 by changing the saturation by 10% instead.

■ 68.4300, -36.1465,
40.9600

■ 68.4300, -36.1465,
40.9600

193.4245,
-58.7810, 78.4552

■ 57.3588, -33.2918,
36.0012

■ 92.4434, -41.5617,
50.2614

■ 46.9575, -30.3002,
30.8078

■ 105.3221,
-44.1555, 54.6503

■ 37.2742, -27.1328,
25.5917

■ 118.7488,
-46.6914, 58.8930

■ 28.3668, -23.7292,
19.8568

■ 132.7020,
-49.1790, 63.0072

■ 20.3098, -19.9938,
14.2169

■ 147.1627,
-51.6259, 67.0083

■ 13.2048, -16.3637,
9.2434

■ 162.1134,

■ 6.7208, -11.7614,

-54.0386, 70.9094

4.7046

177.5388,
-56.4222, 74.7218

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4300, -36.1465,
40.9600

■ 68.4300, -36.1465,
40.9600

■ 68.0019, -37.9268,
41.2356

■ 68.9177, -34.0858,
40.1495

■ 67.9995, -37.9366,
41.2368

■ 69.4724, -31.6742,
38.6275

■ 70.1011, -28.8890,
36.3177

■ 70.8076, -25.7159,
33.1670

■ 71.5950, -22.1483,

29.1405

■ 72.4651, -18.1860,
24.2181

■ 73.4192, -13.8341,
18.3930

■ 74.4580, -9.1018,
11.6692

■ 75.5814, -4.0022,
4.0600

Harmonies

Analogous

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



68.4315, -2.8527, 43.2650



68.4300, -36.1465, 40.9600



68.4315, -56.1742, 30.6539

Triad

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



68.4315, -36.1482, 40.9604



68.4315, -37.2571, -88.0725



68.4315, 86.5935, 2.9591

Complementary

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



68.4300, -36.1465, 40.9600



24.7410, 53.8344, -113.3043

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.



68.4315, 71.9012, -42.4009



68.4300, -36.1465, 40.9600



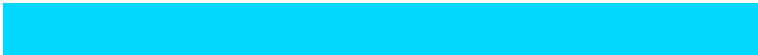
68.4315, -4.4536, -109.7893

Square

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



68.4315, -36.1482, 40.9604



68.4315, -56.7085, -40.2933



68.4315, 36.3243, -89.6901



68.4315, 73.0214, 29.9398

Rectangle

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



68.4300, -36.1465, 40.9600



68.4315, -62.0125, 15.4163



68.4315, 36.3243, -89.6901



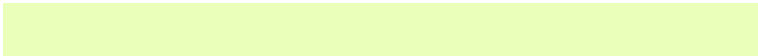
68.4315, 84.7544, -10.4807

Sweetspot

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



68.4315, -36.1482, 40.9604



96.1963, -22.6457, 30.1958



41.2946, 40.5991, 25.2051



44.3099, -11.3656, 15.1252

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.4315, -36.1482, 40.9604



89.9024, -50.4927, 54.5135



64.6025, -51.7940, 38.2930



34.9960, -4.1446, 5.2906



54.5704, -30.2454, 33.0966



12.0288, -5.9722, 7.3075

Inverse Universe

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



24.7410, 53.8344, -113.3043



29.7575, 75.2227, -168.8468



35.2603, 68.4287, -67.9353



32.3155, 0.6630, -1.9411



18.2579, 45.7894, -100.7754



4.4328, 10.4235, -19.0903

Previews

White Background



This preview shows how the HunterLab color 68.4300, -36.1465, 40.9600 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 68.4300, -36.1465, 40.9600 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 68.4300, -36.1465, 40.9600 Background



This preview shows how black text looks on a background with the HunterLab color 68.4300, -36.1465, 40.9600.



This preview shows how white text looks on a background with the HunterLab color 68.4300, -36.1465, 40.9600.

-36.1465, 40.9600.

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

68.4300, -36.1465, 40.9600

Protanopia

68.1627, -9.3735, 41.5349

Deuteranopia

67.9405, 4.9751, 40.1210



Tritanopia

68.2271, -7.7497, -5.5802

Trichromacy



Original Color

68.4300, -36.1465, 40.9600

Protanomaly

67.8736, -19.9004, 41.0802

Deuteranomaly

67.4062, -11.9608, 40.0604

Tritanomaly

67.4868, -22.0788, 21.0609

Monochromacy



Original Color

68.4300, -36.1465, 40.9600

Achromatopsia

60.1088, -3.2073, 3.2658

Achromatomaly

62.2529, -18.1571, 23.9924

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.4300, -36.1465, 40.9600 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(144, 199, 20)` looks like.

```
.text, #text, p{  
    color:rgb(144, 199, 20)  
}
```

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(144, 199, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 199, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 68.4300, -36.1465, 40.9600 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(144, 199, 20) }
```


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

```
.border{ border-color:rgb(144, 199, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 199, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 199, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 199, 20);  
box-shadow:4px 4px 4px 4px rgb(144, 199,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.4300, -36.1465, 40.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 199, 20) }
```

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

```
.background{ background-color: rgb(144,  
199, 20) }
```

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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