

Converting Colors

HunterLab(68.0568, -30.6070,
38.9888)

Have a look what the booklet for
HunterLab(68.0568, -30.6070,
38.9888) contains.

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Color

**HunterLab(68.0526,
-30.5433, 38.9627)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC330
RGB	156, 195, 48
RGB Percent	61%, 76%, 19%
CMY	0.3882, 0.2353, 0.8117
CMYK	0.20, 0.00, 0.75, 0.24
HSL	76°, 60%, 48%
HSV	76°, 75%, 76%
XYZ	33.7590, 46.3116, 9.9561
YIQ	166.5810, 23.9430, -53.9850

Conversions

Conversions Part 2

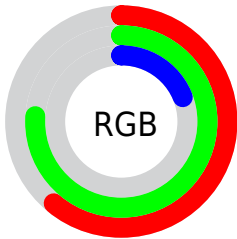
Format	Color
RYB	48, 195, 87
Decimal	10273584
CIELab	73.75, -32.75, 64.63
CIELCh	74, 72.456, 116.870
Yxy	46.3136, 0.3750, 0.5144
Android (android.graphics.Color)	4288463664 (0xFF9CC330)
YUV	166.5810, -58.4604, -9.2795
Hunter-Lab	68.0526, -30.5433, 38.9627

Details

The HunterLab color **68.0526, -30.5433, 38.9627** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **28.4280, 43.4289, -89.4081**, and the grayscale version is **62.2184, -3.3198, 3.3804**.

A 20% lighter version of the original color is **92.1612, -35.2108, 47.5750**, and **46.6466, -25.0723, 28.3045** is the 20% darker color. If you saturate the color by 10%, you get **67.5879, -32.5465, 40.0857**, and if you desaturate by 10%, it is **68.5848, -28.2095, 37.1081**.

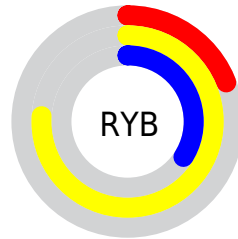
Distribution



Red (61%)

Green (76%)

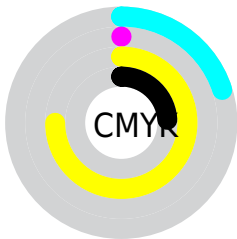
Blue (19%)



Red (19%)

Yellow (76%)

Blue (34%)

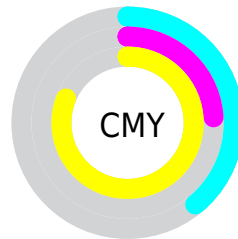


Cyan (20%)

Magenta (0%)

Yellow (75%)

Black (24%)



Cyan (39%)

Magenta (24%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.0526, -30.5433, 38.9627 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 68.0526, -30.5433, 38.9627 by changing the saturation by 10% instead.

68.0526, -30.5433,
38.9627

68.0526, -30.5433,
38.9627

192.8907,
-50.0706, 73.2903

57.0030, -28.1356,
34.4256

92.0262, -35.1478,
47.4602

46.6247, -25.6264,
29.6587

104.8863,
-37.3692, 51.4702

36.9662, -22.9860,
24.6658

118.2952,
-39.5506, 55.3490

28.0856, -20.1670,
19.6599

132.2313,
-41.6993, 59.1139

20.0584, -17.0931,
14.0409

146.6753,
-43.8213, 62.7792

12.9871, -13.8317,
9.0910

161.6101,

6.4420, -11.2735,

-45.9214, 66.3570

4.5094

177.0200,
-48.0033, 69.8578

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0526, -30.5433,
38.9627

■ 68.0526, -30.5433,
38.9627

■ 67.5879, -32.5465,
40.0857

■ 68.5848, -28.2095,
37.1081

■ 67.1797, -34.2456,
40.5681

■ 69.1847, -25.5191,
34.4560

■ 67.0040, -34.9675,
40.6754

■ 69.8572, -22.4617,
30.9616

■ 70.6048, -19.0317,
26.5955

■ 71.4295, -15.2288,

21.3415

■ 72.3324, -11.0574,
15.1951

■ 73.3141, -6.5259,
8.1617

■ 74.3747, -1.6455,
0.2553

■ 75.5140, 3.5696,
-8.5030

Harmonies

Analogous

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



68.0541, -0.0567, 41.0060



68.0526, -30.5433, 38.9627



68.0541, -49.8886, 29.5383

Triad

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



68.0541, -30.5451, 38.9631



68.0541, -35.5863, -70.8933



68.0541, 74.0151, 0.2483

Complementary

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



68.0526, -30.5433, 38.9627



28.4280, 43.4289, -89.4081

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.



68.0541, 59.6623, -39.3931



68.0526, -30.5433, 38.9627



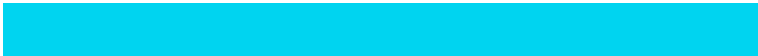
68.0541, -7.1406, -91.2208

Square

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



68.0541, -30.5451, 38.9631



68.0541, -52.3761, -30.5091



68.0541, 28.2400, -77.5435



68.0541, 64.4444, 26.1112

Rectangle

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



68.0526, -30.5433, 38.9627



68.0541, -55.9917, 16.2849



68.0541, 28.2400, -77.5435



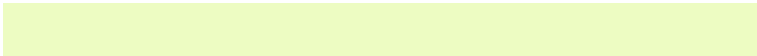
68.0541, 71.7706, -11.8584

Sweetspot

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



68.0541, -30.5451, 38.9631



95.8270, -19.2889, 26.9907



42.7490, 34.8797, 23.0732



44.6440, -9.9479, 13.9492

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.0541, -30.5451, 38.9631



90.1126, -44.9675, 54.1254



64.1605, -46.1395, 36.1430



34.0875, -3.9143, 5.1743



54.0562, -28.0339, 32.8184



11.3781, -5.2719, 6.9188

Inverse Universe

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



28.4280, 43.4289, -89.4081



31.1752, 70.2055, -155.4230



36.5373, 58.4826, -60.2474



31.4235, 0.5265, -1.9201



17.5113, 44.6123, -102.0452



4.0916, 9.7111, -18.3187

Previews

White Background



This preview shows how the HunterLab color 68.0526, -30.5433, 38.9627 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 68.0526, -30.5433, 38.9627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

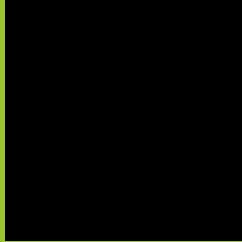
Any Text WCAG AA ✓ Pass

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 68.0526, -30.5433, 38.9627 Background



This preview shows how black text looks on a background with the HunterLab color 68.0526, -30.5433, 38.9627.



This preview shows how white text looks on a background with the HunterLab color 68.0526, -30.5433, 38.9627.

-30.5433, 38.9627.

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

68.0526, -30.5433, 38.9627

Protanopia

67.7688, -9.0042, 39.5164

Deuteranopia

67.8080, 4.7451, 38.3659



Tritanopia

67.9795, -4.2037, -3.7339

Trichromacy



Original Color

68.0526, -30.5433, 38.9627

Protanomaly

67.6361, -17.3315, 39.1973

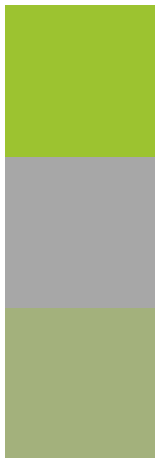
Deuteranomaly

67.3249, -8.9167, 38.2556

Tritanomaly

67.5282, -16.7265, 18.8486

Monochromacy



Original Color

68.0526, -30.5433, 38.9627

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

63.7856, -15.1781, 21.3139

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0526, -30.5433, 38.9627 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(156, 195, 48)` looks like.

```
.text, #text, p{  
    color:rgb(156, 195, 48)  
}
```

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(156, 195, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 195, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0526, -30.5433, 38.9627 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(156, 195, 48) }
```


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

```
.border{ border-color:rgb(156, 195, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 195, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 195, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 195, 48);  
box-shadow:4px 4px 4px 4px rgb(156, 195,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.0526, -30.5433, 38.9627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 195, 48) }
```

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

```
.background{ background-color: rgb(156,  
195, 48) }
```

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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