

Converting Colors

HunterLab(68.8311, -31.0577,
40.7296)

Have a look what the booklet for
HunterLab(68.8311, -31.0577,
40.7296) contains.

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Color

**HunterLab(68.8494,
-31.0109, 40.7654)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC51F
RGB	159, 197, 31
RGB Percent	62%, 77%, 12%
CMY	0.3765, 0.2274, 0.8784
CMYK	0.19, 0.00, 0.84, 0.23
HSL	74°, 73%, 45%
HSV	74°, 84%, 77%
XYZ	34.5117, 47.4024, 8.6270
YIQ	166.7140, 30.6380, -59.6820

Conversions

Conversions Part 2

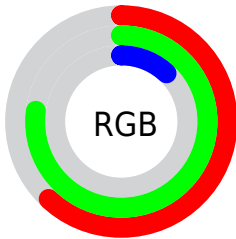
Format	Color
R_{YB}	31, 197, 69
Decimal	10470687
CIE _{Lab}	74.45, -33.15, 70.04
CIE _{LCh}	74, 77.489, 115.328
Yxy	47.4045, 0.3812, 0.5235
Android (android.graphics.Color)	4288660767 (0xFF9FC51F)
YUV	166.7140, -66.9070, -6.7652
Hunter-Lab	68.8494, -31.0109, 40.7654

Details

The HunterLab color $68.8494, -31.0109, 40.7654$ is a dark color, and the websafe version is hex $99CC33$. The color can be described as dark washed chartreuse. A complement of this color would be $25.0553, 48.9403, -108.7101$, and the grayscale version is $62.3051, -3.3244, 3.3852$.

A 20% lighter version of the original color is $92.9750, -35.8460, 49.9102$, and $47.4022, -25.3321, 28.7655$ is the 20% darker color. If you saturate the color by 10%, you get $68.4673, -32.6126, 41.3359$, and if you desaturate by 10%, it is $69.2904, -29.1173, 39.5353$.

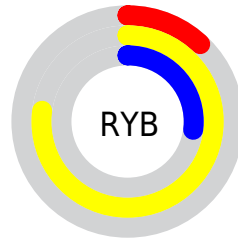
Distribution



Red (62%)

Green (77%)

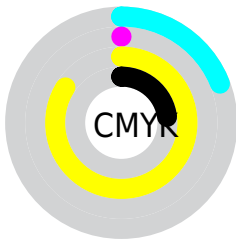
Blue (12%)



Red (12%)

Yellow (77%)

Blue (27%)

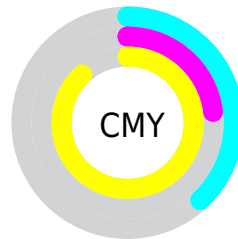


Cyan (19%)

Magenta (0%)

Yellow (84%)

Black (23%)



Cyan (38%)

Magenta (23%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.8494, -31.0109, 40.7654 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 68.8494, -31.0109, 40.7654 by changing the saturation by 10% instead.

■ 68.8494, -31.0109,
40.7654

■ 68.8494, -31.0109,
40.7654

194.0173,
-50.6818, 77.5380

■ 57.7543, -28.5856,
35.9050

■ 92.9070, -35.6499,
49.8805

■ 47.3276, -26.0587,
30.8110

■ 105.8062,
-37.8880, 54.1823

■ 37.6170, -23.4008,
25.6053

■ 119.2527,
-40.0857, 58.3417

■ 28.6798, -20.5652,
20.0759

■ 133.2249,
-42.2504, 62.3764

■ 20.5899, -17.4773,
14.4130

■ 147.7038,
-44.3879, 66.3014

■ 13.4477, -14.0958,
9.4134

■ 162.6723,

■ 7.0171, -12.2799,

-46.5032, 70.1296

4.9120

178.1148,
-48.6001, 73.8720

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.8494, -31.0109,
40.7654

■ 68.8494, -31.0109,
40.7654

■ 68.4673, -32.6126,
41.3359

■ 69.2904, -29.1173,
39.5353

■ 68.2645, -33.4416,
41.4788

■ 69.7920, -26.8942,
37.5542

■ 70.3602, -24.3225,
34.7579

■ 70.9988, -21.3888,
31.1004

■ 71.7105, -18.0861,

26.5514

■ 72.4971, -14.4128,
21.0932

■ 73.3601, -10.3717,
14.7202

■ 74.3003, -5.9694,
7.4361

■ 75.3178, -1.2160,
-0.7462

Harmonies

Analogous

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



68.8510, 2.0885, 42.4798



68.8494, -31.0109, 40.7654



68.8510, -52.1076, 31.7900

Triad

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



68.8510, -31.0128, 40.7658



68.8510, -38.9900, -76.0474



68.8510, 80.4045, -1.8708

Complementary

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



68.8494, -31.0109, 40.7654



25.0553, 48.9403, -108.7101

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.



68.8510, 63.4806, -45.6046



68.8494, -31.0109, 40.7654



68.8510, -9.2596, -100.3957

Square

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



68.8510, -31.0128, 40.7658



68.8510, -56.0016, -31.0499



68.8510, 28.7253, -87.0677



68.8510, 71.2680, 26.4945

Rectangle

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



68.8494, -31.0109, 40.7654



68.8510, -58.9332, 18.5067



68.8510, 28.7253, -87.0677



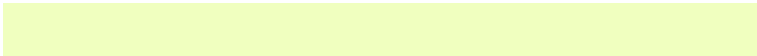
68.8510, 77.4905, -15.2357

Sweetspot

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



68.8510, -31.0128, 40.7658



96.8962, -19.8654, 29.1106



39.9767, 42.9202, 23.4612



44.6514, -10.0191, 14.7156

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.8510, -31.0128, 40.7658



91.2900, -45.0089, 55.4645



64.5408, -48.3395, 37.7320



35.0569, -3.9289, 5.3601



55.3972, -26.9833, 33.6631



12.1816, -5.3770, 7.4121

Inverse Universe

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



25.0553, 48.9403, -108.7101



28.5150, 74.1521, -177.8445



33.9019, 62.5162, -70.4014



32.2532, 0.4507, -2.0254



17.4689, 45.0941, -106.3697



4.2225, 10.2044, -20.3198

Previews

White Background



This preview shows how the HunterLab color 68.8494, -31.0109, 40.7654 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 68.8494, -31.0109, 40.7654 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 68.8494, -31.0109, 40.7654 Background



This preview shows how black text looks on a background with the HunterLab color 68.8494, -31.0109, 40.7654.



This preview shows how white text looks on a background with the HunterLab color 68.8494,

-31.0109, 40.7654.

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

68.8494, -31.0109, 40.7654

Protanopia

68.6061, -9.2627, 41.2165

Deuteranopia

68.4890, 5.4268, 40.0600



Tritanopia

68.5989, -3.4600, -3.9663

Trichromacy



Original Color

68.8494, -31.0109, 40.7654

Protanomaly

68.4610, -17.6542, 40.9248

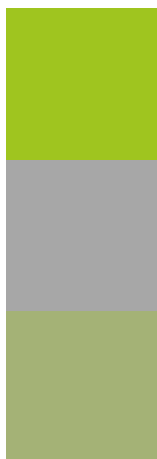
Deuteranomaly

68.1567, -9.1991, 40.0119

Tritanomaly

67.9762, -16.9130, 20.9478

Monochromacy



Original Color

68.8494, -31.0109, 40.7654

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

64.0635, -15.9831, 23.3334

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.8494, -31.0109, 40.7654 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(159, 197, 31)` looks like.

```
.text, #text, p{  
    color:rgb(159, 197, 31)  
}
```

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(159, 197, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 197, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 68.8494, -31.0109, 40.7654 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(159, 197, 31) }
```


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

```
.border{ border-color:rgb(159, 197, 31) }
```

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

Here you see how a box with a 4 pixel rgb(159, 197, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 197, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 197, 31);  
box-shadow:4px 4px 4px 4px rgb(159, 197,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.8494, -31.0109, 40.7654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 197, 31) }
```

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

```
.background{ background-color: rgb(159,  
197, 31) }
```

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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