

Converting Colors

HunterLab(68.2720, -30.8169,
37.9074)

Have a look what the booklet for
HunterLab(68.2720, -30.8169,
37.9074) contains.

HunterLab(68.3843, -30.8018, 38.0115)	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(68.3843,
-30.8018, 38.0115)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC43B
RGB	155, 196, 59
RGB Percent	61%, 77%, 23%
CMY	0.3922, 0.2314, 0.7686
CMYK	0.21, 0.00, 0.70, 0.23
HSL	78°, 54%, 50%
HSV	78°, 70%, 77%
XYZ	34.0468, 46.7641, 11.3695
YIQ	168.1230, 19.5410, -51.2990

Conversions

Conversions Part 2

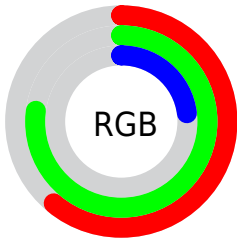
Format	Color
RYB	59, 196, 100
Decimal	10208315
CIELab	74.04, -33.00, 61.06
CIELCh	74, 69.406, 118.390
Yxy	46.7662, 0.3693, 0.5073
Android (android.graphics.Color)	4288398395 (0xFF9BC43B)
YUV	168.1230, -53.7976, -11.5089
Hunter-Lab	68.3843, -30.8018, 38.0115

Details

The HunterLab color **68.3843, -30.8018, 38.0115** 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 **31.3432, 40.7407, -78.7684**, and the grayscale version is **62.8370, -3.3528, 3.4141**.

A 20% lighter version of the original color is **92.4459, -35.6685, 46.1303**, and **46.9631, -25.4442, 28.4930** is the 20% darker color. If you saturate the color by 10%, you get **67.8477, -33.1438, 39.5190**, and if you desaturate by 10%, it is **68.9955, -28.1003, 35.7308**.

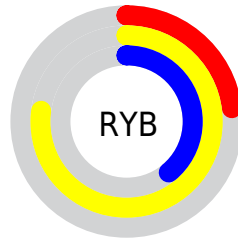
Distribution



Red (61%)

Green (77%)

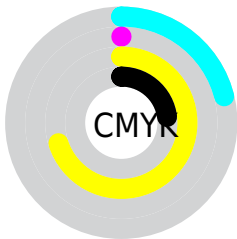
Blue (23%)



Red (23%)

Yellow (77%)

Blue (39%)

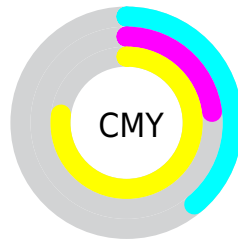


Cyan (21%)

Magenta (0%)

Yellow (70%)

Black (23%)



Cyan (39%)

Magenta (23%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.3843, -30.8018, 38.0115 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 68.3843, -30.8018, 38.0115 by changing the saturation by 10% instead.

■ 68.3843, -30.8018,
38.0115

■ 68.3843, -30.8018,
38.0115

193.3599,
-50.4239, 70.6468

■ 57.3157, -28.3817,
33.7081

■ 92.3929, -35.4298,
46.0715

■ 46.9172, -25.8597,
29.1824

■ 105.2693,
-37.6623, 49.8777

■ 37.2369, -23.2060,
24.4072

■ 118.6939,
-39.8545, 53.5622

■ 28.3327, -20.3734,
19.8329

■ 132.6451,
-42.0137, 57.1413

■ 20.2793, -17.2862,
14.1955

■ 147.1037,
-44.1459, 60.6286

■ 13.1784, -13.9637,
9.2249

162.0525,

■ 6.6877, -11.7034,

-46.2558, 64.0357

4.6814

177.4760,
-48.3474, 67.3724

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.3843, -30.8018,
38.0115

■ 68.3843, -30.8018,
38.0115

■ 67.8477, -33.1438,
39.5190

■ 68.9955, -28.1003,
35.7308

■ 67.3759, -35.1450,
40.3271

■ 69.6807, -25.0195,
32.6235

■ 66.9586, -36.8715,
40.6089

■ 70.4442, -21.5545,
28.6553

■ 66.9544, -36.8888,
40.6112

■ 71.2881, -17.7047,
23.8065

■ 72.2135, -13.4745,

18.0696

■ 73.2211, -8.8726,
11.4482

■ 74.3111, -3.9113,
3.9549

■ 75.4830, 1.3947,
-4.3900

■ 76.7361, 7.0282,
-13.5597

Harmonies

Analogous

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



68.3858, -1.8948, 40.4005



68.3843, -30.8018, 38.0115



68.3858, -49.0000, 28.0536

Triad

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



68.3858, -30.8036, 38.0119



68.3858, -33.3156, -68.3434



68.3858, 70.3552, 2.0377

Complementary

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



68.3843, -30.8018, 38.0115



31.3432, 40.7407, -78.7684

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.



68.3858, 57.8423, -35.1543



68.3843, -30.8018, 38.0115



68.3858, -5.3928, -85.8608

Square

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



68.3858, -30.8036, 38.0119



68.3858, -50.2494, -30.8407



68.3858, 28.5317, -71.5442



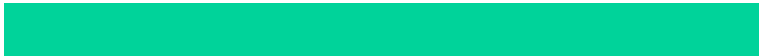
68.3858, 60.1747, 26.3158

Rectangle

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



68.3843, -30.8018, 38.0115



68.3858, -54.5682, 14.5991



68.3858, 28.5317, -71.5442



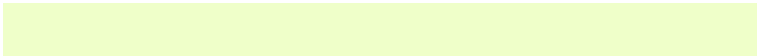
68.3858, 68.6250, -9.2987

Sweetspot

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



68.3858, -30.8036, 38.0119



97.0073, -18.9823, 25.4998



45.5566, 29.6195, 23.2046



44.7153, -9.5351, 12.8328

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.3858, -30.8036, 38.0119



90.9619, -46.1227, 53.8873



64.7349, -45.3980, 35.3044



34.0619, -4.0049, 5.1451



53.7118, -29.3969, 32.5823



11.3178, -5.5072, 6.8775

Inverse Universe

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



31.3432, 40.7407, -78.7684



34.3365, 68.0622, -141.0127



39.0587, 56.5090, -54.2224



31.4497, 0.6159, -1.8846



17.8642, 44.9278, -99.5778



4.1794, 9.8047, -17.8214

Previews

White Background



This preview shows how the HunterLab color 68.3843, -30.8018, 38.0115 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 68.3843, -30.8018, 38.0115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

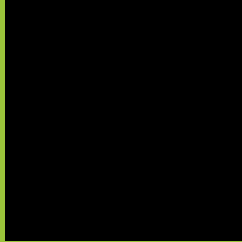
Any Text WCAG AA ✓ Pass

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 68.3843, -30.8018, 38.0115 Background



This preview shows how black text looks on a background with the HunterLab color 68.3843, -30.8018, 38.0115.



This preview shows how white text looks on a background with the HunterLab color 68.3843, -30.8018, 38.0115.

-30.8018, 38.0115.

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

68.3843, -30.8018, 38.0115

Protanopia

68.1383, -9.0948, 38.6822

Deuteranopia

67.8905, 5.1863, 37.1485



Tritanopia

68.2657, -4.6209, -4.4174

Trichromacy



Original Color

68.3843, -30.8018, 38.0115

Protanomaly

68.0186, -17.3840, 38.3471

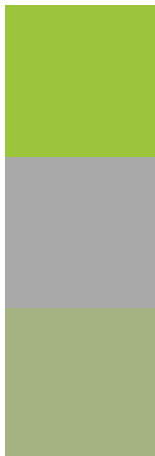
Deuteranomaly

67.6083, -9.2806, 37.1117

Tritanomaly

67.8766, -16.8364, 17.4187

Monochromacy



Original Color

68.3843, -30.8018, 38.0115

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

64.1762, -15.1791, 20.4121

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.3843, -30.8018, 38.0115 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(155, 196, 59)` looks like.

```
.text, #text, p{  
    color:rgb(155, 196, 59)  
}
```

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(155, 196, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 196, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 68.3843, -30.8018, 38.0115 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(155, 196, 59) }
```


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

```
.border{ border-color:rgb(155, 196, 59) }
```

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

Here you see how a box with a 4 pixel rgb(155, 196, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 196, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 196, 59);  
box-shadow:4px 4px 4px 4px rgb(155, 196,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.3843, -30.8018, 38.0115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 196, 59) }
```

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

```
.background{ background-color: rgb(155,  
196, 59) }
```

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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