

Converting Colors

HunterLab(51.2867, -34.5815,
30.5603)

Have a look what the booklet for
HunterLab(51.2867, -34.5815,
30.5603) contains.

HunterLab(51.3048, -34.5794, 30.5683)	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(51.3048,
-34.5794, 30.5683)**

Conversions

Conversions Part 1

Format	Color
Hex	539E0D
RGB	83, 158, 13
RGB Percent	33%, 62%, 5%
CMY	0.6745, 0.3804, 0.9490
CMYK	0.47, 0.00, 0.92, 0.38
HSL	91°, 85%, 34%
HSV	91°, 92%, 62%
XYZ	15.8668, 26.3218, 4.6252
YIQ	119.0450, 1.8450, -60.9950

Conversions

Conversions Part 2

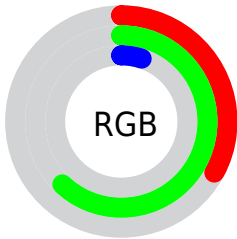
Format	Color
RYB	13, 158, 88
Decimal	5479949
CIELab	58.34, -45.13, 58.39
CIElCh	58, 73.797, 127.700
Yxy	26.3230, 0.3389, 0.5623
Android (android.graphics.Color)	4283670029 (0xFF539E0D)
YUV	119.0450, -52.2802, -31.6115
Hunter-Lab	51.3048, -34.5794, 30.5683

Details

The HunterLab color $51.3048, -34.5794, 30.5683$ is a dark color, and the websafe version is hex 339900 . A complement of this color would be $21.9828, 45.5070, -72.9069$, and the grayscale version is $43.1651, -2.3032, 2.3452$.

A 20% lighter version of the original color is $73.2801, -40.6735, 38.7621$, and $32.3058, -26.6792, 19.4396$ is the 20% darker color. If you saturate the color by 10%, you get $50.9925, -35.9266, 30.7924$, and if you desaturate by 10%, it is $51.7452, -32.6753, 29.9950$.

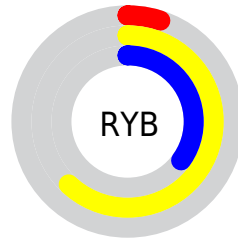
Distribution



Red (33%)

Green (62%)

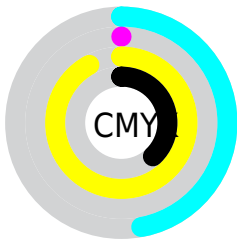
Blue (5%)



Red (5%)

Yellow (62%)

Blue (35%)

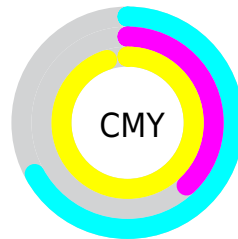


Cyan (47%)

Magenta (0%)

Yellow (92%)

Black (38%)



Cyan (67%)

Magenta (38%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3048, -34.5794, 30.5683 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 51.3048, -34.5794, 30.5683 by changing the saturation by 10% instead.

■ 51.3048, -34.5794,
30.5683

■ 51.3048, -34.5794,
30.5683

168.6309,
-60.2767, 63.5633

■ 41.3103, -31.1547,
26.0833

■ 73.3454, -40.9187,
38.8695

■ 32.0642, -27.4864,
21.4473

■ 85.3108, -43.9002,
42.7472

■ 23.6342, -23.4865,
16.5439

■ 97.8642, -46.7875,
46.4784

■ 16.1086, -19.0108,
11.2760

■ 110.9792,
-49.5970, 50.0842

■ 9.6129, -16.8227,
6.7291

■ 124.6328,
-52.3414, 53.5822

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.8045,

-55.0310, 56.9869

0.0000, NaN, NaN

153.4761,
-57.6738, 60.3106

0.0000, NaN, NaN

■ 51.3048, -34.5794,
30.5683

■ 51.3048, -34.5794,
30.5683

■ 50.9925, -35.9266,
30.7924

■ 51.7452, -32.6753,
29.9950

■ 52.2624, -30.4002,
28.8992

■ 52.8618, -27.7416,
27.2280

■ 53.5460, -24.6961,
24.9481

■ 54.3167, -21.2677,
22.0413

■ 55.1747, -17.4669,
18.5024

■ 56.1200, -13.3089,
14.3363

■ 57.1518, -8.8128,
9.5568

■ 58.2690, -4.0001,
4.1843

Harmonies

Analogous

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



51.3059, -10.5517, 33.2909



51.3048, -34.5794, 30.5683



51.3059, -47.3676, 20.1038

Triad

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



51.3059, -34.5804, 30.5685



51.3059, -23.6245, -83.3379



51.3059, 71.4922, 9.8815

Complementary

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



51.3048, -34.5794, 30.5683



21.9828, 45.5070, -72.9069

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.



51.3059, 65.5982, -24.0037



51.3048, -34.5794, 30.5683



51.3059, 5.5683, -92.3977

Square

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



51.3059, -34.5804, 30.5685



51.3059, -42.1798, -45.9544



51.3059, 39.4584, -66.2233



51.3059, 54.0403, 26.9052

Rectangle

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



51.3048, -34.5794, 30.5683



51.3059, -50.0637, 5.0362



51.3059, 39.4584, -66.2233



51.3059, 72.2382, 0.4431

Sweetspot

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



51.3059, -34.5804, 30.5685



74.7481, -21.7866, 23.2186



37.7699, 17.3518, 22.9790



35.2527, -11.3983, 12.0530



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.3059, -34.5804, 30.5685



68.6296, -48.7677, 41.4355



49.5745, -41.8087, 29.2557



27.4777, -3.6511, 3.9522



45.6591, -32.0457, 27.5739



6.3075, -3.4668, 3.8259

Inverse Universe

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



21.9828, 45.5070, -72.9069



27.5671, 63.4711, -108.2449



31.5340, 59.2215, -38.3245



25.6817, 0.8994, -1.2587



18.5144, 42.3849, -70.8142



2.9398, 6.2370, -7.4217

Previews

White Background



This preview shows how the HunterLab color 51.3048, -34.5794, 30.5683 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 51.3048, -34.5794, 30.5683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

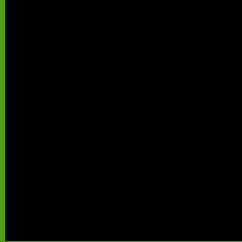
Any Text WCAG AA ✓ Pass

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 51.3048, -34.5794, 30.5683 Background



This preview shows how black text looks on a background with the HunterLab color 51.3048, -34.5794, 30.5683.



This preview shows how white text looks on a background with the HunterLab color 51.3048,

-34.5794, 30.5683.

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

51.3048, -34.5794, 30.5683

Protanopia

50.9159, -7.4787, 31.2432

Deuteranopia

50.7267, 3.4899, 29.5498



Tritanopia

51.2389, -12.0332, -6.5924

Trichromacy



Original Color

51.3048, -34.5794, 30.5683

Protanomaly

50.6204, -19.2348, 30.6871

Deuteranomaly

49.8750, -12.6004, 29.3504

Tritanomaly

50.6563, -23.4874, 14.8433

Monochromacy



Original Color

51.3048, -34.5794, 30.5683

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

45.1867, -16.7440, 17.5926

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3048, -34.5794, 30.5683 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(83, 158, 13)` looks like.

```
.text, #text, p{  
    color:rgb(83, 158, 13)  
}
```

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(83, 158, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 158, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3048, -34.5794, 30.5683 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(83, 158, 13) }
```


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

```
.border{ border-color:rgb(83, 158, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 158, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 158, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 158, 13);  
box-shadow:4px 4px 4px 4px rgb(83, 158,  
13) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3048, -34.5794, 30.5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 158, 13) }
```

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

```
.background{ background-color: rgb(83, 158,  
13) }
```

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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