

Converting Colors

HunterLab(58.2483, -49.9478,
35.0177)

Have a look what the booklet for
HunterLab(58.2483, -49.9478,
35.0177) contains.

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Color

**HunterLab(58.1953,
-49.9025, 34.9861)**

Conversions

Conversions Part 1

Format	Color
Hex	00B700
RGB	0, 183, 0
RGB Percent	0%, 72%, 0%
CMY	1.0000, 0.2823, 0.9999
CMYK	1.00, 0.00, 1.00, 0.28
HSL	120°, 100%, 36%
HSV	120°, 100%, 72%
XYZ	16.9335, 33.8669, 5.6444
YIQ	107.4210, -50.3250, -95.7090

Conversions

Conversions Part 2

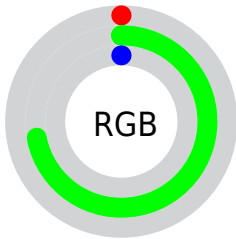
Format	Color
RYB	0, 183, 183
Decimal	46848
CIELab	64.86, -67.18, 64.83
CIELCh	65, 93.360, 136.017
Yxy	33.8683, 0.3000, 0.6000
Android (android.graphics.Color)	4278236928 (0xFF00B700)
YUV	107.4210, -52.9586, -94.2082
Hunter-Lab	58.1953, -49.9025, 34.9861

Details

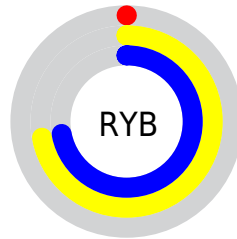
The HunterLab color **58.1953, -49.9025, 34.9861** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **36.7233, 72.1979, -48.4249**, and the grayscale version is **38.7146, -2.0657, 2.1034**.

A 20% lighter version of the original color is **80.9374, -58.6174, 43.7038**, and **39.2917, -33.6926, 23.6215** is the 20% darker color. If you saturate the color by 10%, you get **58.1965, -49.9033, 34.9863**, and if you desaturate by 10%, it is **58.3477, -49.1803, 34.4972**.

Distribution



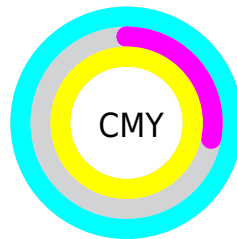
- Red (0%)
- Green (72%)
- Blue (0%)



- Red (0%)
- Yellow (72%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (28%)





- Cyan (100%)
- Magenta (28%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 58.1953, -49.9025, 34.9861 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 58.1953, -49.9025, 34.9861 by changing the saturation by 10% instead.


 58.1953, -49.9025,
34.9861


 58.1953, -49.9025,
34.9861


178.7581,
-85.1990, 70.3853

 47.7415, -45.1019,
30.2332


 81.0733, -58.7480,
43.8402


 38.0005, -39.9589,
25.2360


 93.4250, -62.8819,
47.9952


 29.0303, -34.3714,
20.3212


 106.3471,
-66.8657, 52.0008

 20.9039, -28.1883,
14.6327

 119.8155,
-70.7226, 55.8770

 13.7203, -24.0105,
9.6042

 133.8089,
-74.4709, 59.6404

 7.3335, -12.8336,
5.1335

 148.3082,

0.0000, NaN, NaN

-78.1253, 63.3052

0.0000, NaN, NaN

163.2964,
-81.6980, 66.8834

0.0000, NaN, NaN

■ 58.1953, -49.9025,
34.9861

■ 58.1953, -49.9025,
34.9861

■ 58.1965, -49.9033,
34.9863

■ 58.3477, -49.1803,
34.4972

■ 58.6391, -47.7929,
33.5587

■ 59.1208, -45.5169,
32.0194

■ 59.8135, -42.2821,
29.8319

■ 60.7307, -38.0640,
26.9799

■ 61.8807, -32.8767,
23.4731

■ 63.2667, -26.7664,
19.3429

■ 64.8878, -19.8032,
14.6372

■ 66.7395, -12.0735,
9.4144

Harmonies

Analogous

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



58.1965, -23.4228, 39.0379



58.1953, -49.9025, 34.9861



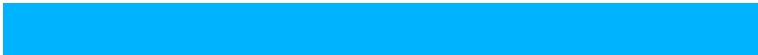
58.1965, -61.8229, 18.6142

Triad

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



58.1965, -49.9033, 34.9863



58.1965, -21.0669, -127.9788



58.1965, 94.4780, 20.3826

Complementary

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



58.1953, -49.9025, 34.9861



36.7233, 72.1979, -48.4249

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.



58.1965, 95.6326, -18.1814



58.1953, -49.9025, 34.9861



58.1965, 20.4423, -126.0988

Square

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



58.1965, -49.9033, 34.9863



58.1965, -48.5949, -81.5157



58.1965, 65.6950, -77.4036



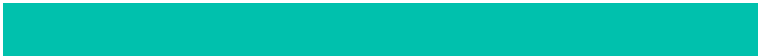
58.1965, 62.8783, 35.5114

Rectangle

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



58.1953, -49.9025, 34.9861



58.1965, -62.8622, -5.3121



58.1965, 65.6950, -77.4036



58.1965, 98.6869, 10.5370

Sweetspot

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



58.1965, -49.9033, 34.9863



84.5674, -36.2532, 26.1784



66.2842, -17.8034, 40.5323



39.3625, -18.7097, 13.4330



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



58.1965, -49.9033, 34.9863



77.8815, -66.7832, 46.8206



58.8492, -45.8284, 25.3740



31.7177, -5.4728, 4.2939



48.6068, -41.6801, 29.2211



9.1263, -7.8256, 5.4861

Inverse Universe

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



36.7233, 72.1979, -48.4249



49.1450, 96.6188, -64.8044



32.9115, 58.6834, 3.2719



30.2700, 2.3461, -1.0489



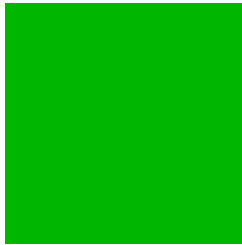
30.6720, 60.3010, -40.4455



5.7589, 11.3220, -7.5944

Previews

White Background



This preview shows how the HunterLab color 58.1953, -49.9025, 34.9861 looks on a white background.

Color Contrast Check

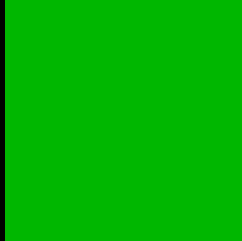
Large Text (above 18pt) WCAG AA × Fail

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 58.1953, -49.9025, 34.9861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

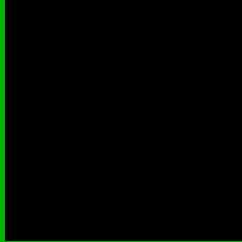
Any Text WCAG AA ✓ Pass

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 58.1953, -49.9025, 34.9861 Background



This preview shows how black text looks on a background with the HunterLab color 58.1953, -49.9025, 34.9861.



This preview shows how white text looks on a background with the HunterLab color 58.1953,

-49.9025, 34.9861.

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

58.1953, -49.9025, 34.9861

Protanopia

57.7443, -8.4352, 35.4341

Deuteranopia

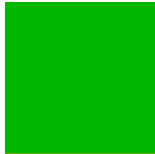
57.5055, 4.0896, 33.4364



Tritanopia

58.1274, -21.6138, -10.8150

Trichromacy



Original Color

58.1953, -49.9025, 34.9861



Protanomaly

55.4231, -31.5516, 33.5991



Deuteranomaly

54.6991, -25.9611, 32.2539



Tritanomaly

57.0940, -37.9880, 17.0391

Monochromacy



Original Color

58.1953, -49.9025, 34.9861



Achromatopsia

38.3441, -2.0459, 2.0833



Achromatomaly

43.5594, -26.6809, 18.9302

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.1953, -49.9025, 34.9861 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(0, 183, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 183, 0)  
}
```

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(0, 183, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 183, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 58.1953, -49.9025, 34.9861 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(0, 183, 0) }
```


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

```
.border{ border-color:rgb(0, 183, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 183, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 183, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 183, 0); box-shadow:4px  
4px 4px 4px rgb(0, 183, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.1953, -49.9025, 34.9861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 183, 0) }
```

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

```
.background{ background-color: rgb(0, 183,  
0) }
```

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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