

Converting Colors

HunterLab(58.7950, -58.1264,
36.8094)

Have a look what the booklet for
HunterLab(58.7950, -58.1264,
36.8094) contains.

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Color

**HunterLab(60.3284,
-51.7316, 36.2684)**

Conversions

Conversions Part 1

Format	Color
Hex	00BD00
RGB	0, 189, 0
RGB Percent	0%, 74%, 0%
CMY	1.0000, 0.2588, 0.9999
CMYK	1.00, 0.00, 1.00, 0.26
HSL	120°, 100%, 37%
HSV	120°, 100%, 74%
XYZ	18.1976, 36.3952, 6.0659
YIQ	110.9430, -51.9750, -98.8470

Conversions

Conversions Part 2

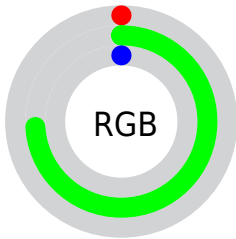
Format	Color
RYB	0, 189, 189
Decimal	48384
CIELab	66.82, -68.81, 66.41
CIELCh	67, 95.627, 136.017
Yxy	36.3967, 0.3000, 0.6000
Android (android.graphics.Color)	4278238464 (0xFF00BD00)
YUV	110.9430, -54.6949, -97.2970
Hunter-Lab	60.3284, -51.7316, 36.2684

Details

The HunterLab color $60.3284, -51.7316, 36.2684$ is a dark color, and the websafe version is hex $33CC00$. A complement of this color would be $38.0691, 74.8434, -50.1971$, and the grayscale version is $40.0668, -2.1379, 2.1769$.

A 20% lighter version of the original color is $83.5693, -60.8024, 45.3169$, and $41.2919, -35.4078, 24.8240$ is the 20% darker color. If you saturate the color by 10%, you get $60.3297, -51.7324, 36.2686$, and if you desaturate by 10%, it is $60.4821, -51.0034, 35.7755$.

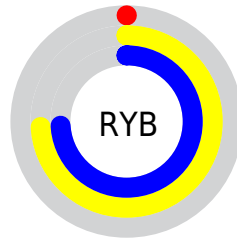
Distribution



Red (0%)

Green (74%)

Blue (0%)



Red (0%)

Yellow (74%)

Blue (74%)

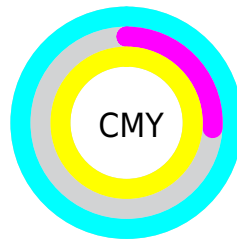


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (100%)


Magenta (26%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 60.3284, -51.7316, 36.2684 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 60.3284, -51.7316, 36.2684 by changing the saturation by 10% instead.


 60.3284, -51.7316,
36.2684


 60.3284, -51.7316,
36.2684


181.8491,
-87.5530, 72.1964


 49.7400, -46.8769,
31.4611


 83.4529, -60.6937,
45.2385


 39.8547, -41.6858,
26.4083


 95.9187, -64.8873,
49.4532


 30.7280, -36.0614,
21.5096


 108.9499,
-68.9308, 53.5189

 22.4291, -29.8616,
15.7004

 122.5230,
-72.8470, 57.4549

 15.0508, -25.2675,
10.5355

 136.6172,
-76.6539, 61.2777

 8.6904, -15.2082,
6.0833

 151.2138,

0.0000, NaN, NaN

-80.3662, 65.0012

0.0000, NaN, NaN

166.2962,
-83.9959, 68.6374

0.0000, NaN, NaN

■ 60.3284, -51.7316,
36.2684

■ 60.3284, -51.7316,
36.2684

■ 60.3297, -51.7324,
36.2686

■ 60.4821, -51.0034,
35.7755

■ 60.7813, -49.5786,
34.8115

■ 61.2783, -47.2302,
33.2231

■ 61.9946, -43.8842,
30.9604

■ 62.9447, -39.5143,
28.0057

■ 64.1370, -34.1348,
24.3690

■ 65.5751, -27.7935,
20.0828

■ 67.2580, -20.5635,
15.1968

■ 69.1812, -12.5350,
9.7722

Harmonies

Analogous

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



60.3297, -24.2814, 40.4688



60.3284, -51.7316, 36.2684



60.3297, -64.0889, 19.2964

Triad

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



60.3297, -51.7324, 36.2686



60.3297, -21.8389, -132.6692



60.3297, 97.9405, 21.1298

Complementary

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



60.3284, -51.7316, 36.2684



38.0691, 74.8434, -50.1971

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.



60.3297, 99.1376, -18.8475



60.3284, -51.7316, 36.2684



60.3297, 21.1917, -130.7201

Square

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



60.3297, -51.7324, 36.2686



60.3297, -50.3759, -84.5035



60.3297, 68.1029, -80.2401



60.3297, 65.1826, 36.8131

Rectangle

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



60.3284, -51.7316, 36.2684



60.3297, -65.1662, -5.5070



60.3297, 68.1029, -80.2401



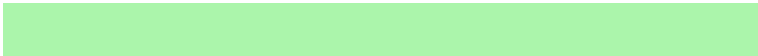
60.3297, 102.3038, 10.9234

Sweetspot

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



60.3297, -51.7324, 36.2686



87.6565, -37.6301, 27.1701



68.7138, -18.4560, 42.0180



40.2572, -19.1681, 13.7607



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



60.3297, -51.7324, 36.2686



80.7366, -69.2313, 48.5369



61.0031, -47.5279, 26.3504



32.6338, -5.6447, 4.4273



49.4852, -42.4333, 29.7491



9.7940, -8.3980, 5.8874

Inverse Universe

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



38.0691, 74.8434, -50.1971



50.9463, 100.1597, -67.1763



34.1122, 60.8137, 3.4728



31.1389, 2.4294, -1.0898



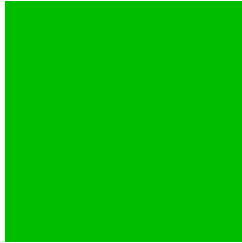
31.2261, 61.3902, -41.1742



6.1802, 12.1503, -8.1497

Previews

White Background



This preview shows how the HunterLab color 60.3284, -51.7316, 36.2684 looks on a white background.

Color Contrast Check

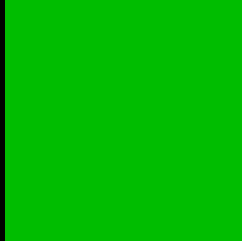
Large Text (above 18pt) WCAG AA × Fail

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 60.3284, -51.7316, 36.2684 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

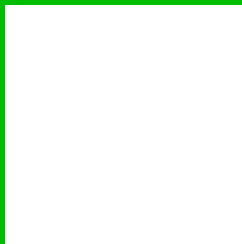
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 60.3284, -51.7316, 36.2684 Background



This preview shows how black text looks on a background with the HunterLab color 60.3284, -51.7316, 36.2684.



This preview shows how white text looks on a background with the HunterLab color 60.3284, -51.7316, 36.2684.

-51.7316, 36.2684.

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

60.3284, -51.7316, 36.2684

Protanopia

59.8212, -8.5707, 36.7115

Deuteranopia

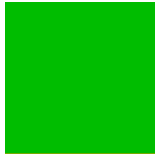
59.6985, 4.4247, 34.7799



Tritanopia

60.3578, -22.6897, -11.0584

Trichromacy



Original Color

60.3284, -51.7316, 36.2684



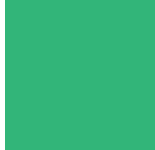
Protanomaly

57.6351, -32.8653, 34.9391



Deuteranomaly

56.5810, -26.8486, 33.3709



Tritanomaly

59.2506, -39.5483, 17.7164

Monochromacy



Original Color

60.3284, -51.7316, 36.2684



Achromatopsia

39.8699, -2.1274, 2.1662



Achromatomaly

45.0108, -27.3397, 19.4045

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.3284, -51.7316, 36.2684 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, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 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, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 60.3284, -51.7316, 36.2684 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, 189, 0) }
```


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

```
.border{ border-color:rgb(0, 189, 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, 189, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 189, 0); box-shadow:4px  
4px 4px 4px rgb(0, 189, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.3284, -51.7316, 36.2684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 0) }
```

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

```
.background{ background-color: rgb(0, 189,  
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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