

Converting Colors

HunterLab(60.2651, -51.3661,
35.5587)

Have a look what the booklet for
HunterLab(60.2651, -51.3661,
35.5587) contains.

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Color

**HunterLab(60.3733,
-51.4499, 35.6043)**

Conversions

Conversions Part 1

Format	Color
Hex	00BD15
RGB	0, 189, 21
RGB Percent	0%, 74%, 8%
CMY	1.0000, 0.2588, 0.9176
CMYK	1.00, 0.00, 0.89, 0.26
HSL	127°, 100%, 37%
HSV	127°, 100%, 74%
XYZ	18.3330, 36.4494, 6.7786
YIQ	113.3370, -58.7160, -92.3160

Conversions

Conversions Part 2

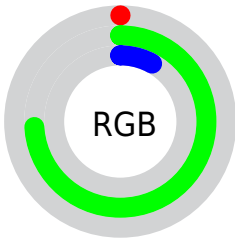
Format	Color
RYB	0, 170, 189
Decimal	48405
CIELab	66.86, -68.27, 63.60
CIELCh	67, 93.304, 137.030
Yxy	36.4509, 0.2978, 0.5921
Android (android.graphics.Color)	4278238485 (0xFF00BD15)
YUV	113.3370, -45.5221, -99.3965
Hunter-Lab	60.3733, -51.4499, 35.6043

Details

The HunterLab color **60.3733, -51.4499, 35.6043** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **36.9408, 70.9143, -35.4496**, and the grayscale version is **40.9530, -2.1851, 2.2251**.

A 20% lighter version of the original color is **83.5983, -60.5555, 44.3574**, and **41.2919, -35.4078, 24.8240** is the 20% darker color. If you saturate the color by 10%, you get **60.3745, -51.4508, 35.6046**, and if you desaturate by 10%, it is **60.5581, -50.5274, 34.6513**.

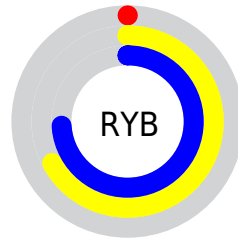
Distribution



Red (0%)

Green (74%)

Blue (8%)



Red (0%)

Yellow (67%)

Blue (74%)

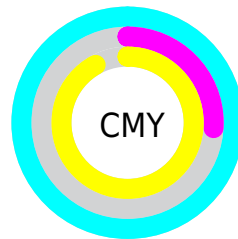


Cyan (100%)

Magenta (0%)

Yellow (89%)

Black (26%)



Cyan (100%)


Magenta (26%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 60.3733, -51.4499, 35.6043 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 60.3733, -51.4499, 35.6043 by changing the saturation by 10% instead.


 60.3733, -51.4499,
35.6043


 60.3733, -51.4499,
35.6043


181.9140,
-87.0185, 70.1796

 49.7821, -46.6332,
30.9789


 83.5029, -60.3442,
44.2276


 39.8938, -41.4838,
26.1085


 95.9711, -64.5071,
48.2796


 30.7638, -35.9056,
21.5347


 109.0046,
-68.5217, 52.1895

 22.4614, -29.7573,
15.7230

 122.5798,
-72.4105, 55.9765

 15.0790, -25.1130,
10.5553

 136.6761,
-76.1912, 59.6565

 8.7165, -15.2539,
6.1016

 151.2748,

0.0000, NaN, NaN

-79.8786, 63.2431

0.0000, NaN, NaN

166.3591,
-83.4843, 66.7475

0.0000, NaN, NaN

■ 60.3733, -51.4499,
35.6043

■ 60.3733, -51.4499,
35.6043

■ 60.3745, -51.4508,
35.6046

■ 60.5581, -50.5274,
34.6513

■ 60.8910, -48.8952,
33.1928

■ 61.4150, -46.3845,
31.2098

■ 62.1490, -42.9386,
28.6930

■ 63.1056, -38.5418,
25.6519

■ 64.2920, -33.2131,
22.1126

■ 65.7111, -26.9998,
18.1144

■ 67.3616, -19.9710,
13.7058

■ 69.2394, -12.2095,
8.9410

Harmonies

Analogous

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



60.3746, -24.9825, 40.1977



60.3733, -51.4499, 35.6043



60.3746, -63.2275, 18.0357

Triad

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



60.3746, -51.4507, 35.6045



60.3746, -20.2056, -128.5355



60.3746, 94.2983, 21.6463

Complementary

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



60.3733, -51.4499, 35.6043



36.9408, 70.9143, -35.4496

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.



60.3746, 96.6066, -16.4872



60.3733, -51.4499, 35.6043



60.3746, 22.1307, -124.8128

Square

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



60.3746, -51.4507, 35.6045



60.3746, -48.7766, -83.5447



60.3746, 67.4568, -75.3721



60.3746, 61.8128, 36.7143

Rectangle

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



60.3733, -51.4499, 35.6043



60.3746, -64.0250, -6.8270



60.3746, 67.4568, -75.3721



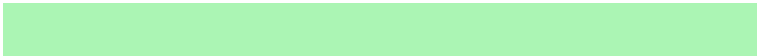
60.3746, 98.8885, 11.9056

Sweetspot

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



60.3746, -51.4507, 35.6045



87.8397, -36.5586, 24.5123



67.0479, -24.6913, 40.8823



40.3480, -18.6329, 12.4407



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.



60.3746, -51.4507, 35.6045



80.7861, -68.9201, 47.8030



61.3172, -45.5850, 21.7638



32.6595, -5.5011, 4.0592



49.5279, -42.1653, 29.1173



9.8319, -8.1602, 5.3265

Inverse Universe

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



36.9408, 70.9143, -35.4496



49.4135, 94.8223, -47.1402



33.6684, 59.1912, 9.8689



31.1087, 2.2681, -0.6622



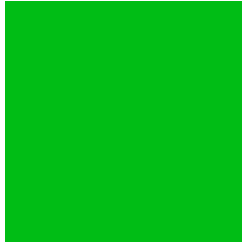
30.3121, 58.2080, -29.2310



6.0431, 11.6736, -6.3638

Previews

White Background



This preview shows how the HunterLab color 60.3733, -51.4499, 35.6043 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 60.3733, -51.4499, 35.6043 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 60.3733, -51.4499, 35.6043 Background



This preview shows how black text looks on a background with the HunterLab color 60.3733, -51.4499, 35.6043.



This preview shows how white text looks on a background with the HunterLab color 60.3733, -51.4499, 35.6043.

-51.4499, 35.6043.

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

60.3733, -51.4499, 35.6043

Protanopia

59.8377, -8.4790, 36.4672

Deuteranopia

59.7231, 4.5562, 34.4162



Tritanopia

60.3578, -22.6897, -11.0584

Trichromacy



Original Color

60.3733, -51.4499, 35.6043



Protanomaly

57.6603, -32.7142, 34.5658



Deuteranomaly

56.6277, -26.5736, 32.6810



Tritanomaly

59.4229, -38.5001, 15.2197

Monochromacy



Original Color

60.3733, -51.4499, 35.6043



Achromatopsia

40.6365, -2.1683, 2.2079



Achromatomaly

45.8330, -27.0651, 17.9505

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.3733, -51.4499, 35.6043 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, 21)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 21)  
}
```

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, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 60.3733, -51.4499, 35.6043 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, 21) }
```


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

```
.border{ border-color:rgb(0, 189, 21) }
```

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, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 21);  
box-shadow:4px 4px 4px 4px rgb(0, 189, 21)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 60.3733, -51.4499, 35.6043 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, 21) }
```

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

```
.background{ background-color: rgb(0, 189,  
21) }
```

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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