

Converting Colors

HunterLab(60.8632, -51.0612,
34.8708)

Have a look what the booklet for
HunterLab(60.8632, -51.0612,
34.8708) contains.

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Color

**HunterLab(60.8594,
-51.0733, 34.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	0CBE25
RGB	12, 190, 37
RGB Percent	5%, 75%, 15%
CMY	0.9529, 0.2549, 0.8549
CMYK	0.94, 0.00, 0.81, 0.25
HSL	128°, 88%, 40%
HSV	128°, 94%, 75%
XYZ	18.8990, 37.0387, 7.9034
YIQ	119.3360, -56.9750, -85.3190

Conversions

Conversions Part 2

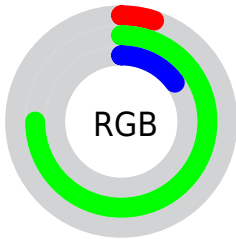
Format	Color
RYB	12, 168, 190
Decimal	835109
CIELab	67.31, -67.24, 60.20
CIELCh	67, 90.255, 138.163
Yxy	37.0402, 0.2960, 0.5802
Android (android.graphics.Color)	4279025189 (0xFF0CBE25)
YUV	119.3360, -40.5916, -94.1337
Hunter-Lab	60.8594, -51.0733, 34.9020

Details

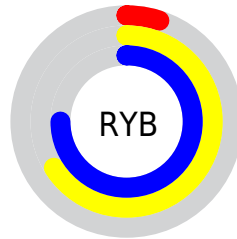
The HunterLab color **60.8594, -51.0733, 34.9020** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **37.3191, 69.3779, -32.3427**, and the grayscale version is **43.2504, -2.3077, 2.3499**.

A 20% lighter version of the original color is **84.1692, -59.8660, 43.1903**, and **41.6268, -35.6950, 25.0254** is the 20% darker color. If you saturate the color by 10%, you get **60.7504, -51.6368, 35.5363**, and if you desaturate by 10%, it is **61.1391, -49.6829, 33.4978**.

Distribution



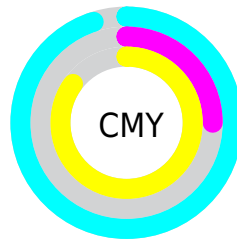
- Red (5%)
- Green (75%)
- Blue (15%)



- Red (5%)
- Yellow (66%)
- Blue (75%)



- Cyan (94%)
- Magenta (0%)
- Yellow (81%)
- Black (25%)





- Cyan (95%)
- Magenta (25%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 60.8594, -51.0733, 34.9020 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 60.8594, -51.0733, 34.9020 by changing the saturation by 10% instead.


 60.8594, -51.0733,
34.9020


 60.8594, -51.0733,
34.9020


182.6156,
-86.1158, 67.8040


 50.2380, -46.3400,
30.5087


 84.0444, -59.8223,
43.0898


 40.3174, -41.2837,
25.8748


 96.5382, -63.9207,
46.9394


 31.1524, -35.8113,
21.2583


 109.5962,
-67.8751, 50.6567

 22.8114, -29.7855,
15.9680

 123.1951,
-71.7072, 54.2601

 15.3858, -24.8417,
10.7701

 137.3140,
-75.4344, 57.7647

 8.9942, -15.7398,
6.2959

 151.9346,

0.0000, NaN, NaN

-79.0709, 61.1834

0.0000, NaN, NaN

167.0402,
-82.6281, 64.5268

0.0000, NaN, NaN

■ 60.8594, -51.0733,
34.9020

■ 60.8594, -51.0733,
34.9020

■ 60.7504, -51.6368,
35.5363

■ 61.1391, -49.6829,
33.4978

■ 61.5992, -47.4532,
31.6017

■ 62.2620, -44.3142,
29.2057

■ 63.1421, -40.2379,
26.3186

■ 64.2482, -35.2322,
22.9644

■ 65.5846, -29.3349,
19.1795

■ 67.1517, -22.6073,
15.0097

■ 68.9462, -15.1267,
10.5060

■ 70.9623, -6.9797,
5.7215

Harmonies

Analogous

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



60.8607, -25.6686, 40.0321



60.8594, -51.0733, 34.9020



60.8607, -62.2450, 16.6319

Triad

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



60.8607, -51.0741, 34.9022



60.8607, -18.4129, -122.8989



60.8607, 89.8041, 22.1732

Complementary

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



60.8594, -51.0733, 34.9020



37.3191, 69.3779, -32.3427

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.



60.8607, 93.2363, -13.9232



60.8594, -51.0733, 34.9020



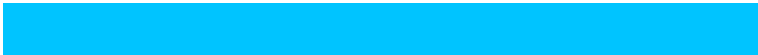
60.8607, 22.9704, -117.4431

Square

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



60.8607, -51.0741, 34.9022



60.8607, -46.9639, -81.7343



60.8607, 66.2986, -69.6896



60.8607, 57.8764, 36.6920

Rectangle

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



60.8594, -51.0733, 34.9020



60.8607, -62.7361, -8.1693



60.8607, 66.2986, -69.6896



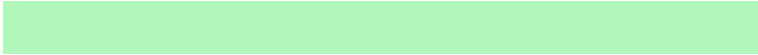
60.8607, 94.5854, 12.9185

Sweetspot

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



60.8607, -51.0741, 34.9022



89.3503, -34.8857, 22.9430



67.0754, -26.2016, 40.5654



41.4503, -18.1604, 11.8819



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



60.8607, -51.0741, 34.9022



81.7653, -69.5904, 48.0263



61.9520, -44.3060, 18.9150



32.6663, -5.4629, 3.9613



49.5445, -42.0612, 28.8716



9.8419, -8.0977, 5.1791

Inverse Universe

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



37.3191, 69.3779, -32.3427



49.6203, 94.6171, -42.6703



34.2786, 58.3056, 9.9125



31.1008, 2.2258, -0.5501



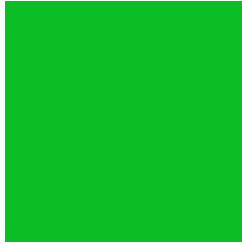
30.0894, 57.4261, -26.2703



6.0089, 11.5541, -5.9131

Previews

White Background



This preview shows how the HunterLab color 60.8594, -51.0733, 34.9020 looks on a white background.

Color Contrast Check

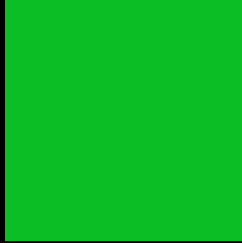
Large Text (above 18pt) WCAG AA × Fail

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 60.8594, -51.0733, 34.9020 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 60.8594, -51.0733, 34.9020 Background



This preview shows how black text looks on a background with the HunterLab color 60.8594, -51.0733, 34.9020.



This preview shows how white text looks on a background with the HunterLab color 60.8594, -51.0733, 34.9020.

-51.0733, 34.9020.

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

60.8594, -51.0733, 34.9020

Protanopia

60.2954, -8.2376, 35.8017

Deuteranopia

60.0617, 4.4084, 33.6417



Tritanopia

60.7191, -22.9145, -11.1164

Trichromacy



Original Color

60.8594, -51.0733, 34.9020



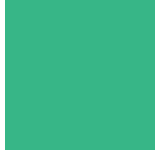
Protanomaly

58.3626, -31.4740, 33.9500



Deuteranomaly

57.3752, -25.1687, 32.0241



Tritanomaly

60.0145, -37.5786, 13.6778

Monochromacy



Original Color

60.8594, -51.0733, 34.9020



Achromatopsia

42.9506, -2.2917, 2.3336



Achromatomaly

47.6209, -26.2236, 17.1176

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.8594, -51.0733, 34.9020 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(12, 190, 37)` looks like.

```
.text, #text, p{  
    color:rgb(12, 190, 37)  
}
```

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(12, 190, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 190, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 60.8594, -51.0733, 34.9020 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(12, 190, 37) }
```


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

```
.border{ border-color:rgb(12, 190, 37) }
```

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

Here you see how a box with a 4 pixel rgb(12, 190, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 190, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 190, 37);  
box-shadow:4px 4px 4px 4px rgb(12, 190,  
37) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.8594, -51.0733, 34.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 190, 37) }
```

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

```
.background{ background-color: rgb(12, 190,  
37) }
```

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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