

Converting Colors

HunterLab(61.1227, -51.9682,
36.4435)

Have a look what the booklet for
HunterLab(61.1227, -51.9682,
36.4435) contains.

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Color

**HunterLab(61.1203,
-51.9704, 36.4451)**

Conversions

Conversions Part 1

Format	Color
Hex	0BBF0B
RGB	11, 191, 11
RGB Percent	4%, 75%, 4%
CMY	0.9569, 0.2510, 0.9568
CMYK	0.94, 0.00, 0.94, 0.25
HSL	120°, 89%, 40%
HSV	120°, 94%, 75%
XYZ	18.8292, 37.3569, 6.5348
YIQ	116.6600, -49.5000, -94.1400

Conversions

Conversions Part 2

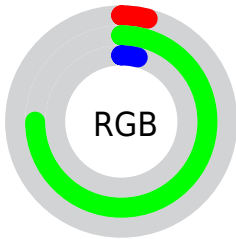
Format	Color
RYB	11, 191, 191
Decimal	769803
CIELab	67.55, -68.63, 65.74
CIELCh	68, 95.032, 136.234
Yxy	37.3585, 0.3002, 0.5956
Android (android.graphics.Color)	4278959883 (0xFF0BBF0B)
YUV	116.6600, -52.0904, -92.6638
Hunter-Lab	61.1203, -51.9704, 36.4451

Details

The HunterLab color **61.1203, -51.9704, 36.4451** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **38.8291, 74.5974, -50.0169**, and the grayscale version is **42.2556, -2.2547, 2.2958**.

A 20% lighter version of the original color is **84.4062, -61.0217, 45.3351**, and **41.9623, -35.9826, 25.2270** is the 20% darker color. If you saturate the color by 10%, you get **61.0436, -52.3446, 36.6978**, and if you desaturate by 10%, it is **61.3473, -50.8938, 35.7163**.

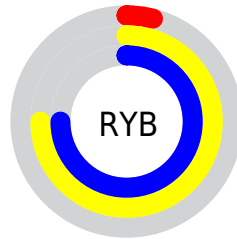
Distribution



Red (4%)

Green (75%)

Blue (4%)



Red (4%)

Yellow (75%)

Blue (75%)

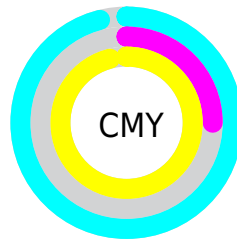


Cyan (94%)

Magenta (0%)

Yellow (94%)

Black (25%)



Cyan (96%)

Magenta (25%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.1203, -51.9704, 36.4451 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 61.1203, -51.9704, 36.4451 by changing the saturation by 10% instead.

■ 61.1203, -51.9704,
36.4451

■ 61.1203, -51.9704,
36.4451

182.9918,
-87.6238, 71.9673

■ 50.4828, -47.1493,
31.6978

■ 84.3349, -60.8793,
45.3046

■ 40.5449, -41.9986,
26.7061

■ 96.8424, -65.0512,
49.4692

■ 31.3612, -36.4244,
21.9528

■ 109.9136,
-69.0754, 53.4878

■ 22.9997, -30.2884,
16.0998

■ 123.5250,
-72.9741, 57.3796

■ 15.5509, -25.2536,
10.8857

■ 137.6561,
-76.7651, 61.1608

■ 9.1394, -15.9940,
6.3976

■ 152.2884,

0.0000, NaN, NaN

-80.4629, 64.8450

0.0000, NaN, NaN

167.4053,
-84.0791, 68.4439

0.0000, NaN, NaN

■ 61.1203, -51.9704,
36.4451

■ 61.1203, -51.9704,
36.4451

■ 61.0436, -52.3446,
36.6978

■ 61.3473, -50.8938,
35.7163

■ 61.7613, -48.9302,
34.3881

■ 62.3892, -45.9815,
32.3939

■ 63.2484, -42.0014,
29.7026

■ 64.3501, -36.9874,
26.3127

■ 65.6999, -30.9745,
22.2481

■ 67.2986, -24.0269,
17.5526

■ 69.1432, -16.2297,
12.2839

■ 71.2273, -7.6801,
6.5079

Harmonies

Analogous

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



61.1216, -24.5637, 40.8417



61.1203, -51.9704, 36.4451



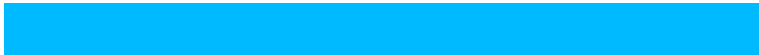
61.1216, -64.3112, 19.1462

Triad

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



61.1216, -51.9712, 36.4453



61.1216, -21.5995, -131.5149



61.1216, 97.2183, 21.3803

Complementary

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



61.1203, -51.9704, 36.4451



38.8291, 74.5974, -50.0169

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.



61.1216, 98.6590, -18.3274



61.1203, -51.9704, 36.4451



61.1216, 21.4209, -129.1822

Square

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



61.1216, -51.9712, 36.4453



61.1216, -50.3172, -84.2104



61.1216, 68.0401, -79.0971



61.1216, 64.5207, 37.1224

Rectangle

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



61.1203, -51.9704, 36.4451



61.1216, -65.3387, -5.7750



61.1216, 68.0401, -79.0971



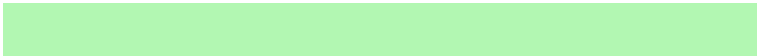
61.1216, 101.6292, 11.2141

Sweetspot

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



61.1216, -51.9712, 36.4453



89.1235, -36.2064, 26.2285



69.5443, -18.5755, 42.2578



41.3350, -18.8371, 13.5551



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.



61.1216, -51.9712, 36.4453



81.6920, -70.0506, 49.1113



61.8659, -47.3324, 25.4932



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.



38.8291, 74.5974, -50.0169



51.5492, 101.3450, -67.9714



35.0082, 60.8796, 1.7856



31.1389, 2.4294, -1.0898



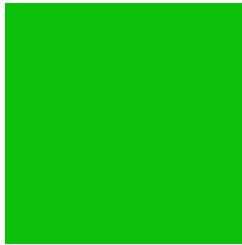
31.2261, 61.3902, -41.1743



6.1802, 12.1503, -8.1497

Previews

White Background



This preview shows how the HunterLab color 61.1203, -51.9704, 36.4451 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 61.1203, -51.9704, 36.4451 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 61.1203, -51.9704, 36.4451 Background



This preview shows how black text looks on a background with the HunterLab color 61.1203, -51.9704, 36.4451.



This preview shows how white text looks on a background with the HunterLab color 61.1203, -51.9704, 36.4451.

-51.9704, 36.4451.

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

61.1203, -51.9704, 36.4451

Protanopia

60.6146, -8.7704, 37.1969

Deuteranopia

60.4888, 4.2628, 35.2005



Tritanopia

61.1522, -22.8684, -11.0692

Trichromacy



Original Color

61.1203, -51.9704, 36.4451



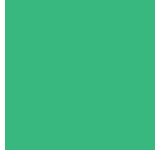
Protanomaly

58.6053, -32.3746, 35.4293



Deuteranomaly

57.5956, -26.1591, 33.6977



Tritanomaly

60.1781, -39.0758, 16.9500

Monochromacy



Original Color

61.1203, -51.9704, 36.4451



Achromatopsia

42.1768, -2.2504, 2.2915



Achromatomaly

47.0279, -27.2993, 19.4134

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.1203, -51.9704, 36.4451 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(11, 191, 11)` looks like.

```
.text, #text, p{  
    color:rgb(11, 191, 11)  
}
```

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(11, 191, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 191, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 61.1203, -51.9704, 36.4451 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(11, 191, 11) }
```


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

```
.border{ border-color:rgb(11, 191, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 191, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 191, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 191, 11);  
box-shadow:4px 4px 4px 4px rgb(11, 191,  
11) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.1203, -51.9704, 36.4451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 191, 11) }
```

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

```
.background{ background-color: rgb(11, 191,  
11) }
```

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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