

Converting Colors

HunterLab(63.4645, -52.8700,
36.9817)

Have a look what the booklet for
HunterLab(63.4645, -52.8700,
36.9817) contains.

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Color

**HunterLab(63.4652,
-52.8652, 36.9704)**

Conversions

Conversions Part 1

Format	Color
Hex	1CC51F
RGB	28, 197, 31
RGB Percent	11%, 77%, 12%
CMY	0.8902, 0.2274, 0.8784
CMYK	0.86, 0.00, 0.84, 0.23
HSL	121°, 75%, 44%
HSV	121°, 86%, 77%
XYZ	20.6925, 40.2783, 7.9802
YIQ	127.5450, -47.4380, -87.4540

Conversions

Conversions Part 2

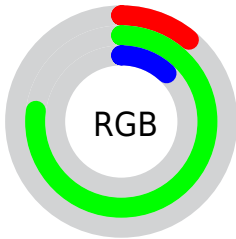
Format	Color
R_{YB}	28, 194, 197
Decimal	1885471
CIE _{Lab}	69.67, -68.47, 64.00
CIE _{LCh}	70, 93.724, 136.930
Yxy	40.2800, 0.3001, 0.5842
Android (android.graphics.Color)	4280075551 (0xFF1CC51F)
YUV	127.5450, -47.5967, -87.3010
Hunter-Lab	63.4652, -52.8652, 36.9704

Details

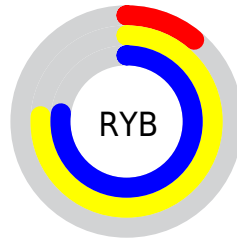
The HunterLab color **63.4652, -52.8652, 36.9704** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **40.7383, 74.0864, -47.8766**, and the grayscale version is **46.4777, -2.4799, 2.5252**.

A 20% lighter version of the original color is **86.9160, -61.7431, 45.5694**, and **43.6460, -37.4265, 26.2393** is the 20% darker color. If you saturate the color by 10%, you get **63.2562, -53.8794, 37.7190**, and if you desaturate by 10%, it is **63.8660, -50.9610, 35.6225**.

Distribution



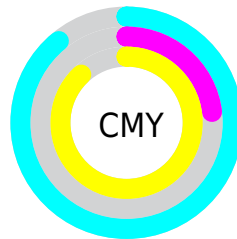
- Red (11%)
- Green (77%)
- Blue (12%)



- Red (11%)
- Yellow (76%)
- Blue (77%)



- Cyan (86%)
- Magenta (0%)
- Yellow (84%)
- Black (23%)





- Cyan (89%)
- Magenta (23%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.4652, -52.8652, 36.9704 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 63.4652, -52.8652, 36.9704 by changing the saturation by 10% instead.


 63.4652, -52.8652,
36.9704


 63.4652, -52.8652,
36.9704


186.3605,
-88.2011, 71.4319


 52.6848, -48.1154,
32.3832


 86.9423, -61.6658,
45.5383

 42.5940, -43.0531,
27.5570


 99.5716, -65.7953,
49.5714


 33.2451, -37.5915,
22.7241


 112.7594,
-69.7828, 53.4672

 24.7023, -31.6035,
17.2916

 126.4828,
-73.6493, 57.2439

 17.0506, -25.6703,
11.9354

 140.7218,
-77.4118, 60.9167

 10.4091, -18.2159,
7.2864

 155.4584,

0.0000, NaN, NaN

-81.0840, 64.4986

0.0000, NaN, NaN

170.6762,
-84.6773, 68.0006

0.0000, NaN, NaN

■ 63.4652, -52.8652,
36.9704

■ 63.4652, -52.8652,
36.9704

■ 63.2562, -53.8794,
37.7190

■ 63.8660, -50.9610,
35.6225

■ 63.1995, -54.1502,
37.9008

■ 64.4827, -48.0534,
33.6092

■ 65.3357, -44.0894,
30.8994

■ 66.4372, -39.0611,
27.4916

■ 67.7939, -32.9996,
23.4094

■ 69.4072, -25.9675,
18.6962

■ 71.2745, -18.0494,
13.4098

■ 73.3897, -9.3438,
7.6166

■ 75.7441, 0.0449,
1.3862

Harmonies

Analogous

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



63.4665, -25.5446, 41.9404



63.4652, -52.8652, 36.9704



63.4665, -65.1371, 18.6824

Triad

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



63.4665, -52.8661, 36.9706



63.4665, -20.8869, -129.1550



63.4665, 95.6338, 22.2289

Complementary

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



63.4652, -52.8652, 36.9704



40.7383, 74.0864, -47.8766

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.



63.4665, 97.8498, -16.8348



63.4652, -52.8652, 36.9704



63.4665, 22.2945, -125.6187

Square

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



63.4665, -52.8661, 36.9706



63.4665, -50.2359, -84.0148



63.4665, 68.2979, -76.2200



63.4665, 62.8655, 38.1012

Rectangle

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



63.4652, -52.8652, 36.9704



63.4665, -65.9958, -6.6952



63.4665, 68.2979, -76.2200



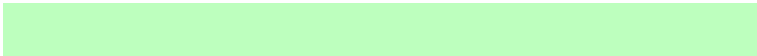
63.4665, 100.2309, 12.1635

Sweetspot

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



63.4665, -52.8661, 36.9706



92.7432, -35.3626, 25.4293



71.7719, -19.9690, 42.9684



42.5413, -17.9451, 12.8257

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.4665, -52.8661, 36.9706



84.5754, -72.4814, 50.7546



64.3632, -47.2992, 23.8023



34.4832, -5.9670, 4.6342



51.2561, -43.9077, 30.7185



11.1582, -9.5236, 6.6119

Inverse Universe

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



40.7383, 74.0864, -47.8766



53.0952, 103.9805, -66.8794



37.1756, 60.9326, 0.5901



32.8835, 2.5699, -1.0996



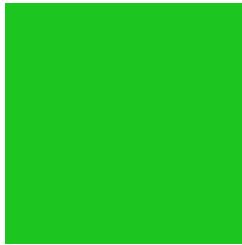
32.1808, 63.0292, -40.5896



7.0102, 13.7416, -8.9308

Previews

White Background



This preview shows how the HunterLab color 63.4652, -52.8652, 36.9704 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 63.4652, -52.8652, 36.9704 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 63.4652, -52.8652, 36.9704 Background



This preview shows how black text looks on a background with the HunterLab color 63.4652, -52.8652, 36.9704.



This preview shows how white text looks on a background with the HunterLab color 63.4652, -52.8652, 36.9704.

-52.8652, 36.9704.

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

63.4652, -52.8652, 36.9704

Protanopia

62.7574, -8.6320, 37.7539

Deuteranopia

62.6406, 4.5182, 35.6029



Tritanopia

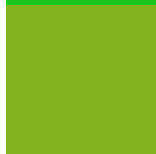
63.1844, -23.0965, -11.6036

Trichromacy



Original Color

63.4652, -52.8652, 36.9704



Protanomaly

60.9427, -31.4725, 36.0508



Deuteranomaly

59.9986, -24.9687, 34.1790



Tritanomaly

62.3670, -38.5099, 15.2568

Monochromacy



Original Color

63.4652, -52.8652, 36.9704



Achromatopsia

46.4608, -2.4790, 2.5243



Achromatomaly

50.8410, -26.5449, 18.7864

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4652, -52.8652, 36.9704 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(28, 197, 31)` looks like.

```
.text, #text, p{  
    color:rgb(28, 197, 31)  
}
```

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(28, 197, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 197, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4652, -52.8652, 36.9704 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(28, 197, 31) }
```


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

```
.border{ border-color:rgb(28, 197, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 197, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 197, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 197, 31);  
box-shadow:4px 4px 4px 4px rgb(28, 197,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4652, -52.8652, 36.9704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 197, 31) }
```

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

```
.background{ background-color: rgb(28, 197,  
31) }
```

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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