

Converting Colors

HunterLab(68.3765, -52.4972,
36.3727)

Have a look what the booklet for
HunterLab(68.3765, -52.4972,
36.3727) contains.

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Color

**HunterLab(68.2629,
-52.3097, 36.2573)**

Conversions

Conversions Part 1

Format	Color
Hex	3FD045
RGB	63, 208, 69
RGB Percent	25%, 82%, 27%
CMY	0.7529, 0.1843, 0.7294
CMYK	0.70, 0.00, 0.67, 0.18
HSL	122°, 61%, 53%
HSV	122°, 70%, 82%
XYZ	25.6800, 46.5982, 13.2712
YIQ	148.7990, -41.8010, -73.9690

Conversions

Conversions Part 2

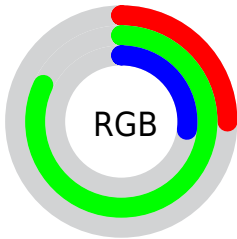
Format	Color
RYB	63, 202, 208
Decimal	4182085
CIELab	73.93, -64.40, 55.89
CIELCh	74, 85.273, 139.046
Yxy	46.6002, 0.3002, 0.5447
Android (android.graphics.Color)	4282372165 (0xFF3FD045)
YUV	148.7990, -39.3409, -75.2457
Hunter-Lab	68.2629, -52.3097, 36.2573

Details

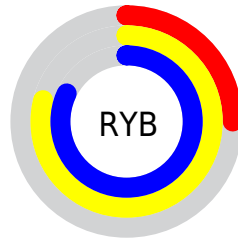
The HunterLab color **68.2629, -52.3097, 36.2573** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **46.0758, 68.3311, -42.3141**, and the grayscale version is **54.9079, -2.9297, 2.9832**.

A 20% lighter version of the original color is **88.1006, -56.1367, 40.6935**, and **47.3883, -40.6354, 28.4890** is the 20% darker color. If you saturate the color by 10%, you get **67.6997, -54.9954, 38.2023**, and if you desaturate by 10%, it is **69.0722, -48.5274, 33.6103**.

Distribution



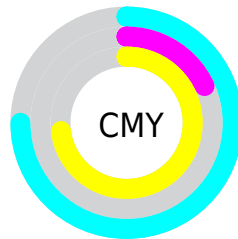
- Red (25%)
- Green (82%)
- Blue (27%)



- Red (25%)
- Yellow (79%)
- Blue (82%)



- Cyan (70%)
- Magenta (0%)
- Yellow (67%)
- Black (18%)



- Cyan (75%)
- Magenta (18%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.2629, -52.3097, 36.2573 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 68.2629, -52.3097, 36.2573 by changing the saturation by 10% instead.

■ 68.2629, -52.3097,
36.2573

■ 68.2629, -52.3097,
36.2573

193.1881,
-85.3746, 66.5088

■ 57.2011, -47.9365,
32.2842

■ 92.2586, -60.4667,
43.7011

■ 46.8100, -43.3015,
28.1019

■ 105.1290,
-64.3150, 47.2208

■ 37.1377, -38.3347,
23.6764

■ 118.5479,
-68.0420, 50.6318

■ 28.2422, -32.9338,
19.3860

■ 132.4935,
-71.6655, 53.9494

■ 20.1983, -26.9466,
14.1388

■ 146.9468,
-75.1998, 57.1861

■ 13.1083, -22.9394,
9.1758

161.8905,

■ 6.5988, -11.5479,

-78.6565, 60.3526

4.6192

177.3090,
-82.0454, 63.4576

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2629, -52.3097,
36.2573

■ 68.2629, -52.3097,
36.2573

■ 67.6997, -54.9954,
38.2023

■ 69.0722, -48.5274,
33.6103

■ 67.3549, -56.6582,
39.4814

■ 70.1388, -43.6205,
30.2532

■ 67.1846, -57.4890,
40.1595


■ 71.4732, -37.6085,
26.2058


■ 67.1807, -57.5072,
40.1714


■ 73.0791, -30.5459,
21.5085


■ 74.9552, -22.5141,

16.2181

 77.0964, -13.6126,
10.4010

 79.4945, -3.9495,
4.1286

 82.1392, 6.3652,
-2.5282

 85.0183, 17.2265,
-9.5022

Harmonies

Analogous

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



68.2643, -26.8399, 42.9064



68.2629, -52.3097, 36.2573



68.2643, -63.6452, 16.1383

Triad

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



68.2643, -52.3107, 36.2576



68.2643, -17.5711, -113.1435



68.2643, 84.6650, 23.4387

Complementary

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



68.2629, -52.3097, 36.2573



46.0758, 68.3311, -42.3141

Split Complementary

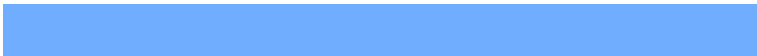
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.2643, 88.7651, -11.5943



68.2629, -52.3097, 36.2573



68.2643, 23.1285, -106.9284

Square

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



68.2643, -52.3107, 36.2576



68.2643, -46.8671, -77.1587



68.2643, 64.1983, -63.1825



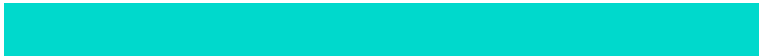
68.2643, 54.0215, 38.9775

Rectangle

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



68.2629, -52.3097, 36.2573



68.2643, -63.9165, -8.7324



68.2643, 64.1983, -63.1825



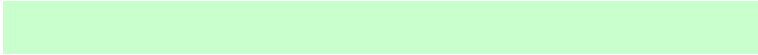
68.2643, 89.4194, 14.1872

Sweetspot

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



68.2643, -52.3107, 36.2576



93.9913, -29.9749, 21.4883



76.2843, -20.8789, 42.9854



43.1703, -15.2062, 10.8215

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.2643, -52.3107, 36.2576



84.9793, -70.5009, 49.0502



69.3353, -45.7376, 20.5958



36.3512, -6.2811, 4.8141



53.0391, -45.3782, 31.6643



12.5530, -10.6589, 7.3194

Inverse Universe

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



46.0758, 68.3311, -42.3141



54.3083, 97.8315, -60.1242



43.1223, 56.4395, -1.8021



34.6414, 2.6992, -1.0758



33.0798, 64.4641, -39.1970



7.8392, 15.3028, -9.4917

Previews

White Background



This preview shows how the HunterLab color 68.2629, -52.3097, 36.2573 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 68.2629, -52.3097, 36.2573 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 68.2629, -52.3097, 36.2573 Background



This preview shows how black text looks on a background with the HunterLab color 68.2629, -52.3097, 36.2573.



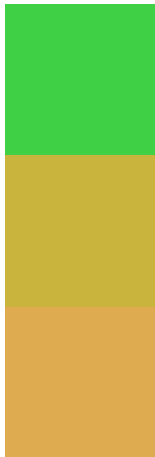
This preview shows how white text looks on a background with the HunterLab color 68.2629, -52.3097, 36.2573.

-52.3097, 36.2573.

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

68.2629, -52.3097, 36.2573

Protanopia

67.3773, -8.6256, 37.4816

Deuteranopia

67.3854, 5.1973, 34.7642



Tritanopia

67.8686, -23.0242, -11.8485

Trichromacy



Original Color

68.2629, -52.3097, 36.2573



Protanomaly

66.1637, -29.1818, 35.9123



Deuteranomaly

65.4340, -21.7676, 33.5772



Tritanomaly

67.3979, -36.6232, 12.0341

Monochromacy



Original Color

68.2629, -52.3097, 36.2573



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

58.2727, -24.6744, 17.3959

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.2629, -52.3097, 36.2573 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(63, 208, 69)` looks like.

```
.text, #text, p{  
    color:rgb(63, 208, 69)  
}
```

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(63, 208, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 208, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 68.2629, -52.3097, 36.2573 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(63, 208, 69) }
```


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

```
.border{ border-color:rgb(63, 208, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 208, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 208, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 208, 69);  
box-shadow:4px 4px 4px 4px rgb(63, 208,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.2629, -52.3097, 36.2573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 208, 69) }
```

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

```
.background{ background-color: rgb(63, 208,  
69) }
```

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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