

Converting Colors

HunterLab(61.5338, -46.7894,
33.7257)

Have a look what the booklet for
HunterLab(61.5338, -46.7894,
33.7257) contains.

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Color

**HunterLab(61.4152,
-46.6931, 33.6571)**

Conversions

Conversions Part 1

Format	Color
Hex	3FBD36
RGB	63, 189, 54
RGB Percent	25%, 74%, 21%
CMY	0.7529, 0.2588, 0.7882
CMYK	0.67, 0.00, 0.71, 0.26
HSL	116°, 56%, 48%
HSV	116°, 71%, 74%
XYZ	20.9133, 37.7183, 9.6681
YIQ	135.9360, -31.7610, -68.6970

Conversions

Conversions Part 2

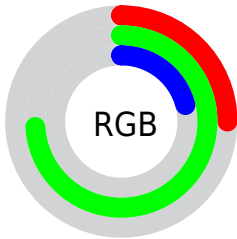
Format	Color
RYB	54, 189, 180
Decimal	4177206
CIELab	67.81, -59.41, 55.28
CIELCh	68, 81.147, 137.062
Yxy	37.7198, 0.3062, 0.5522
Android (android.graphics.Color)	4282367286 (0xFF3FBD36)
YUV	135.9360, -40.3944, -63.9649
Hunter-Lab	61.4152, -46.6931, 33.6571

Details

The HunterLab color **61.4152, -46.6931, 33.6571** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **40.0215, 60.7735, -45.6012**, and the grayscale version is **49.7587, -2.6550, 2.7035**.

A 20% lighter version of the original color is **84.5162, -54.4111, 41.1732**, and **41.2919, -35.4078, 24.8240** is the 20% darker color. If you saturate the color by 10%, you get **60.8972, -49.1153, 35.1087**, and if you desaturate by 10%, it is **62.1369, -43.3559, 31.5307**.

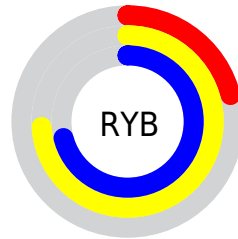
Distribution



Red (25%)

Green (74%)

Blue (21%)



Red (21%)

Yellow (74%)

Blue (71%)

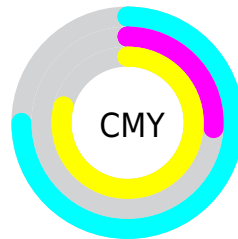


Cyan (67%)

Magenta (0%)

Yellow (71%)

Black (26%)



Cyan (75%)

Magenta (26%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.4152, -46.6931, 33.6571 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 61.4152, -46.6931, 33.6571 by changing the saturation by 10% instead.

■ 61.4152, -46.6931,
33.6571

■ 61.4152, -46.6931,
33.6571

183.4166,
-78.1062, 64.1642

■ 50.7596, -42.5038,
29.6011

■ 84.6632, -54.4714,
41.2181

■ 40.8022, -38.0422,
25.3165

■ 97.1862, -58.1303,
44.7780

■ 31.5974, -33.2280,
20.8171

■ 110.2721,
-61.6697, 48.2201

■ 23.2128, -27.9400,
16.2489

■ 123.8978,
-65.1080, 51.5612

■ 15.7380, -22.7304,
11.0166

■ 138.0426,
-68.4599, 54.8154

■ 9.3006, -16.2761,
6.5104

■ 152.6881,

0.0000, NaN, NaN

-71.7373, 57.9944

0.0000, NaN, NaN

167.8178,
-74.9500, 61.1080

0.0000, NaN, NaN

■ 61.4152, -46.6931,
33.6571

■ 61.4152, -46.6931,
33.6571

■ 60.8972, -49.1153,
35.1087

■ 62.1369, -43.3559,
31.5307

■ 60.5621, -50.6769,
35.9431

■ 63.0701, -39.0829,
28.7029

■ 60.3980, -51.4402,
36.3164

■ 64.2228, -33.8898,
25.1750

■ 65.5976, -27.8191,
20.9707

■ 67.1936, -20.9337,
16.1306

■ 69.0070, -13.3108,
10.7080

■ 71.0317, -5.0352,
4.7630

■ 73.2597, 3.8061,
-1.6412

■ 75.6818, 13.1288,
-8.4423

Harmonies

Analogous

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



61.4165, -22.5535, 39.0520



61.4152, -46.6931, 33.6571



61.4165, -57.8245, 16.4966

Triad

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



61.4165, -46.6940, 33.6574



61.4165, -18.2241, -103.8805



61.4165, 79.2893, 19.8888

Complementary

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



61.4152, -46.6931, 33.6571



40.0215, 60.7735, -45.6012

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.



61.4165, 81.2254, -13.5711



61.4152, -46.6931, 33.6571



61.4165, 18.7082, -100.9227

Square

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



61.4165, -46.6940, 33.6574



61.4165, -44.1657, -68.4120



61.4165, 57.0388, -61.7815



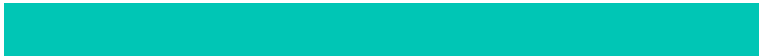
61.4165, 52.2424, 34.8940

Rectangle

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



61.4152, -46.6931, 33.6571



61.4165, -58.5833, -5.4482



61.4165, 57.0388, -61.7815



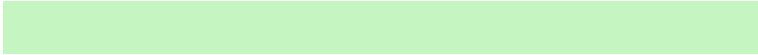
61.4165, 83.0887, 11.0006

Sweetspot

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



61.4165, -46.6940, 33.6574



89.9430, -27.9262, 21.5244



66.1284, -13.2187, 37.3870



41.4221, -14.1779, 10.8486



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.



61.4165, -46.6940, 33.6574



81.2014, -67.1034, 47.7411



61.9372, -43.0486, 22.5965



32.6790, -5.4824, 4.4799



49.5539, -42.1397, 29.7971



9.8609, -8.1127, 5.9342

Inverse Universe

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



40.0215, 60.7735, -45.6012



49.6899, 92.3399, -70.6499



38.8372, 53.2328, -7.6492



31.0854, 2.2505, -1.1612



29.5422, 58.9596, -45.7752



5.9304, 11.7887, -8.8250

Previews

White Background



This preview shows how the HunterLab color 61.4152, -46.6931, 33.6571 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 61.4152, -46.6931, 33.6571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

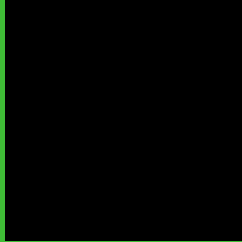
Any Text WCAG AA ✓ Pass

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 61.4152, -46.6931, 33.6571 Background



This preview shows how black text looks on a background with the HunterLab color 61.4152, -46.6931, 33.6571.



This preview shows how white text looks on a background with the HunterLab color 61.4152, -46.6931, 33.6571.

-46.6931, 33.6571.

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

61.4152, -46.6931, 33.6571

Protanopia

60.7903, -7.7928, 34.5950

Deuteranopia

60.8339, 4.3769, 32.5388



Tritanopia

61.1176, -19.7495, -10.5016

Trichromacy



Original Color

61.4152, -46.6931, 33.6571



Protanomaly

59.7435, -25.8696, 33.3661



Deuteranomaly

59.2667, -19.3588, 31.6217



Tritanomaly

60.7471, -32.6183, 12.2662

Monochromacy



Original Color

61.4152, -46.6931, 33.6571



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

52.6636, -22.2386, 16.7103

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.4152, -46.6931, 33.6571 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, 189, 54)` looks like.

```
.text, #text, p{  
    color:rgb(63, 189, 54)  
}
```

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, 189, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 189, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 61.4152, -46.6931, 33.6571 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, 189, 54) }
```


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

```
.border{ border-color:rgb(63, 189, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 189, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 189, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 189, 54);  
box-shadow:4px 4px 4px 4px rgb(63, 189,  
54) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.4152, -46.6931, 33.6571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 189, 54) }
```

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

```
.background{ background-color: rgb(63, 189,  
54) }
```

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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