

Converting Colors

HunterLab(60.7251, -49.4940,
36.5520)

Have a look what the booklet for
HunterLab(60.7251, -49.4940,
36.5520) contains.

HunterLab(60.8272, -49.6060, 36.6130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(60.8272,
-49.6060, 36.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	2FBD00
RGB	47, 189, 0
RGB Percent	18%, 74%, 0%
CMY	0.8157, 0.2588, 0.9999
CMYK	0.75, 0.00, 1.00, 0.26
HSL	105°, 100%, 37%
HSV	105°, 100%, 74%
XYZ	19.3698, 36.9995, 6.1207
YIQ	124.9960, -23.9630, -88.8830

Conversions

Conversions Part 2

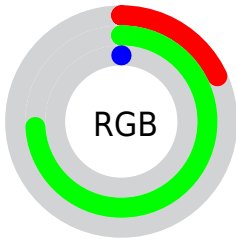
Format	Color
RYB	0, 189, 142
Decimal	3128576
CIELab	67.28, -64.71, 66.96
CIELCh	67, 93.124, 134.021
Yxy	37.0010, 0.3100, 0.5921
Android (android.graphics.Color)	4281318656 (0xFF2FBD00)
YUV	124.9960, -61.6230, -68.4025
Hunter-Lab	60.8272, -49.6060, 36.6130

Details

The HunterLab color **60.8272, -49.6060, 36.6130** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **30.7045, 64.5449, -72.9196**, and the grayscale version is **45.5257, -2.4291, 2.4735**.

A 20% lighter version of the original color is **84.1745, -58.2998, 45.7704**, and **41.2919, -35.4078, 24.8240** is the 20% darker color. If you saturate the color by 10%, you get **60.8281, -49.6084, 36.6135**, and if you desaturate by 10%, it is **61.1898, -48.0038, 36.2710**.

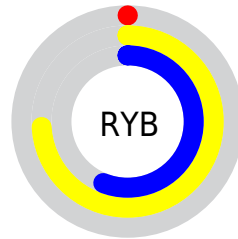
Distribution



Red (18%)

Green (74%)

Blue (0%)



Red (0%)

Yellow (74%)

Blue (56%)

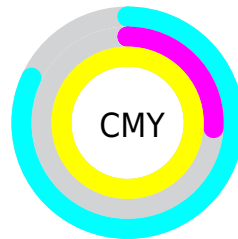


Cyan (75%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (82%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.8272, -49.6060, 36.6130 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 60.8272, -49.6060, 36.6130 by changing the saturation by 10% instead.

60.8272, -49.6060,
36.6130

60.8272, -49.6060,
36.6130

182.5692,
-83.4895, 72.7544

50.2079, -45.0446,
31.7810

84.0086, -58.0469,
45.6332

40.2893, -40.1751,
26.7042

96.5007, -62.0052,
49.8727

31.1267, -34.9080,
21.7887

109.5571,
-65.8271, 53.9627

22.7882, -29.1097,
15.9518

123.1544,
-69.5333, 57.9226

15.3654, -24.1217,
10.7558

137.2718,
-73.1403, 61.7687

8.9761, -15.7081,
6.2832

151.8910,

0.0000, NaN, NaN

-76.6616, 65.5151

0.0000, NaN, NaN

166.9951,
-80.1083, 69.1736

0.0000, NaN, NaN

■ 60.8272, -49.6060,
36.6130

■ 60.8272, -49.6060,
36.6130

■ 60.8281, -49.6084,
36.6135

■ 61.1898, -48.0038,
36.2710

■ 61.6827, -45.7893,
35.4590

■ 62.3243, -42.8850,
34.0054

■ 63.1227, -39.2707,
31.8507

■ 64.0831, -34.9478,
28.9643

■ 65.2081, -29.9354,
25.3384

■ 66.4984, -24.2670,
20.9844

■ 67.9525, -17.9865,
15.9284

■ 69.5675, -11.1453,
10.2081

Harmonies

Analogous

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



60.8285, -21.5107, 40.5788



60.8272, -49.6060, 36.6130



60.8285, -62.8084, 20.8130

Triad

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



60.8285, -49.6069, 36.6132



60.8285, -23.8188, -125.4618



60.8285, 95.9386, 19.0658

Complementary

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



60.8272, -49.6060, 36.6130



30.7045, 64.5449, -72.9196

Split Complementary

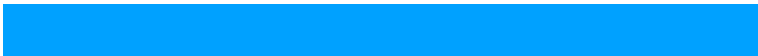
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.8285, 94.8272, -21.7021



60.8272, -49.6060, 36.6130



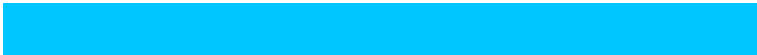
60.8285, 17.4590, -127.2499

Square

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



60.8285, -49.6069, 36.6132



60.8285, -50.9015, -77.3111



60.8285, 63.2343, -81.2402



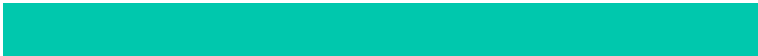
60.8285, 65.9534, 36.0717

Rectangle

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



60.8272, -49.6060, 36.6130



60.8285, -64.4251, -2.2935



60.8285, 63.2343, -81.2402



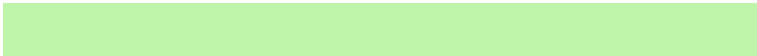
60.8285, 99.3974, 8.4284

Sweetspot

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



60.8285, -49.6069, 36.6132



88.9020, -32.8671, 28.3905



54.8573, 3.6477, 33.8661



40.8786, -16.7646, 14.3498



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.



60.8285, -49.6069, 36.6132



81.3458, -66.6342, 48.9583



60.5014, -50.6557, 33.7308



32.8041, -5.0336, 4.6243



49.9250, -40.5599, 30.0535



10.0414, -7.3542, 6.0587

Inverse Universe

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



30.7045, 64.5449, -72.9196



40.9439, 86.1888, -98.1241



35.7287, 66.6290, -19.1268



30.9413, 1.7660, -1.3534



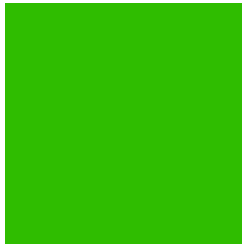
25.2582, 53.0423, -59.5452



5.2812, 10.8777, -10.8003

Previews

White Background



This preview shows how the HunterLab color 60.8272, -49.6060, 36.6130 looks on a white background.

Color Contrast Check

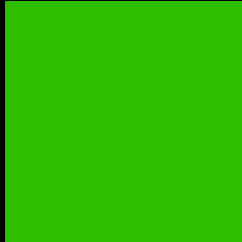
Large Text (above 18pt) WCAG AA × Fail

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 60.8272, -49.6060, 36.6130 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 60.8272, -49.6060, 36.6130 Background



This preview shows how black text looks on a background with the HunterLab color 60.8272, -49.6060, 36.6130.



This preview shows how white text looks on a background with the HunterLab color 60.8272, -49.6060, 36.6130.

-49.6060, 36.6130.

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

60.8272, -49.6060, 36.6130

Protanopia

60.2177, -8.6705, 36.9540

Deuteranopia

60.0848, 4.2974, 35.1182



Tritanopia

60.7800, -21.0912, -10.4379

Trichromacy



Original Color

60.8272, -49.6060, 36.6130



Protanomaly

58.7991, -28.2673, 35.7369



Deuteranomaly

58.2329, -22.1281, 34.5590



Tritanomaly

59.9033, -36.8940, 18.3623

Monochromacy



Original Color

60.8272, -49.6060, 36.6130



Achromatopsia

45.2856, -2.4163, 2.4605



Achromatomaly

49.2954, -24.8267, 20.8128

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.8272, -49.6060, 36.6130 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(47, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(47, 189, 0)  
}
```

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(47, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 189, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 60.8272, -49.6060, 36.6130 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(47, 189, 0) }
```


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

```
.border{ border-color:rgb(47, 189, 0) }
```

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

Here you see how a box with a 4 pixel rgb(47, 189, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(47, 189, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 60.8272, -49.6060, 36.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 189, 0) }
```

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

```
.background{ background-color: rgb(47, 189,  
0) }
```

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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