

Converting Colors

HunterLab(60.8886, -40.7936,
36.1723)

Have a look what the booklet for
HunterLab(60.8886, -40.7936,
36.1723) contains.

HunterLab(60.8146, -40.6419, 36.1169)	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(60.8146,
-40.6419, 36.1169)**

Conversions

Conversions Part 1

Format	Color
Hex	63B814
RGB	99, 184, 20
RGB Percent	39%, 72%, 8%
CMY	0.6118, 0.2784, 0.9215
CMYK	0.46, 0.00, 0.89, 0.28
HSL	91°, 80%, 40%
HSV	91°, 89%, 72%
XYZ	22.4124, 36.9842, 6.6193
YIQ	139.8890, 1.9840, -69.0240

Conversions

Conversions Part 2

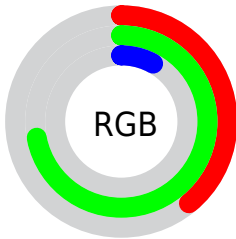
Format	Color
RYB	20, 184, 105
Decimal	6535188
CIELab	67.27, -50.00, 64.92
CIELCh	67, 81.943, 127.604
Yxy	36.9858, 0.3395, 0.5602
Android (android.graphics.Color)	4284725268 (0xFF63B814)
YUV	139.8890, -59.1053, -35.8597
Hunter-Lab	60.8146, -40.6419, 36.1169

Details

The HunterLab color **60.8146, -40.6419, 36.1169** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **26.3930, 53.4350, -84.6759**, and the grayscale version is **51.3954, -2.7423, 2.7924**.

A 20% lighter version of the original color is **84.1038, -47.4309, 44.9354**, and **40.4012, -32.3710, 24.3283** is the 20% darker color. If you saturate the color by 10%, you get **60.3597, -42.5969, 36.4021**, and if you desaturate by 10%, it is **61.3573, -38.2885, 35.3319**.

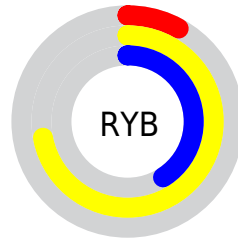
Distribution



Red (39%)

Green (72%)

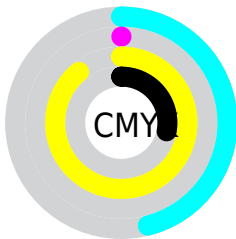
Blue (8%)



Red (8%)

Yellow (72%)

Blue (41%)

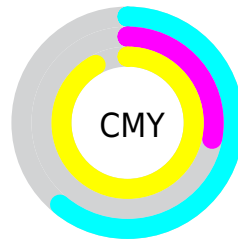


Cyan (46%)

Magenta (0%)

Yellow (89%)

Black (28%)



Cyan (61%)

Magenta (28%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.8146, -40.6419, 36.1169 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 60.8146, -40.6419, 36.1169 by changing the saturation by 10% instead.

■ 60.8146, -40.6419,
36.1169

■ 60.8146, -40.6419,
36.1169

182.5510,
-67.8852, 71.2802

■ 50.1961, -37.0657,
31.4156

■ 83.9946, -47.3177,
44.8873

■ 40.2784, -33.2698,
26.4694

■ 96.4860, -50.4739,
49.0092

■ 31.1166, -29.1869,
21.7816

■ 109.5418,
-53.5370, 52.9866

■ 22.7792, -24.7125,
15.9454

■ 123.1385,
-56.5217, 56.8387

■ 15.3575, -19.9461,
10.7502

■ 137.2553,
-59.4401, 60.5815

■ 8.9690, -15.6957,
6.2783

■ 151.8739,

0.0000, NaN, NaN

-62.3018, 64.2286

0.0000, NaN, NaN

166.9775,
-65.1147, 67.7915

0.0000, NaN, NaN

■ 60.8146, -40.6419,
36.1169

■ 60.8146, -40.6419,
36.1169

■ 60.3597, -42.5969,
36.4021

■ 61.3573, -38.2885,
35.3319

■ 60.3224, -42.7565,
36.4219

■ 61.9943, -35.4809,
33.9007

■ 62.7318, -32.2063,
31.7635

■ 63.5727, -28.4623,
28.8831

■ 64.5190, -24.2557,
25.2409

■ 65.5713, -19.6009,
20.8333

■ 66.7294, -14.5177,
15.6690

■ 67.9923, -9.0303,
9.7672

■ 69.3583, -3.1660,
3.1547

Harmonies

Analogous

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



60.8159, -12.3201, 39.3564



60.8146, -40.6419, 36.1169



60.8159, -55.7667, 23.7581

Triad

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



60.8159, -40.6431, 36.1172



60.8159, -27.9002, -97.4186



60.8159, 83.8502, 11.5513

Complementary

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



60.8146, -40.6419, 36.1169



26.3930, 53.4350, -84.6759

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.



60.8159, 76.8560, -28.2780



60.8146, -40.6419, 36.1169



60.8159, 6.3887, -108.1364

Square

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



60.8159, -40.6431, 36.1172



60.8159, -49.7208, -53.6584



60.8159, 46.1623, -77.6656



60.8159, 63.4790, 31.7038

Rectangle

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



60.8146, -40.6419, 36.1169



60.8159, -58.9757, 6.0544



60.8159, 46.1623, -77.6656



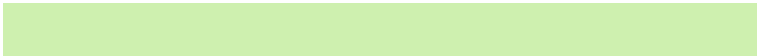
60.8159, 84.6931, 0.4322

Sweetspot

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



60.8159, -40.6431, 36.1172



88.5335, -25.2849, 26.9569



45.0466, 19.9147, 27.2343



40.8731, -12.7691, 13.5275



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



60.8159, -40.6431, 36.1172



81.1291, -57.9245, 48.9773



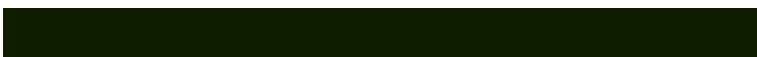
58.7301, -49.3398, 34.5205



32.0415, -4.3141, 4.6672



50.1187, -35.3225, 30.2645



9.6040, -5.8406, 5.8157

Inverse Universe

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



26.3930, 53.4350, -84.6759



32.5223, 74.9845, -128.5108



37.4685, 69.6646, -45.0992



29.9036, 1.1121, -1.5387



20.2930, 46.5052, -77.9935



4.2640, 9.2740, -12.5299

Previews

White Background



This preview shows how the HunterLab color 60.8146, -40.6419, 36.1169 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 60.8146, -40.6419, 36.1169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

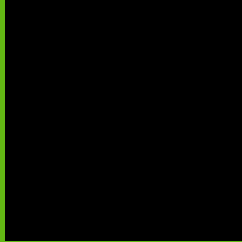
Any Text WCAG AA ✓ Pass

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 60.8146, -40.6419, 36.1169 Background



This preview shows how black text looks on a background with the HunterLab color 60.8146, -40.6419, 36.1169.



This preview shows how white text looks on a background with the HunterLab color 60.8146, -40.6419, 36.1169.

-40.6419, 36.1169.

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

60.8146, -40.6419, 36.1169

Protanopia

60.3398, -8.1950, 36.7265

Deuteranopia

60.2083, 4.7229, 35.1170



Tritanopia

60.6351, -13.8342, -7.7598

Trichromacy



Original Color

60.8146, -40.6419, 36.1169

Protanomaly

59.9415, -22.1743, 36.1365

Deuteranomaly

59.2681, -15.0068, 34.8186

Tritanomaly

60.0906, -27.4306, 17.4037

Monochromacy



Original Color

60.8146, -40.6419, 36.1169

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

53.8344, -19.7482, 20.6390

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.8146, -40.6419, 36.1169 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(99, 184, 20)` looks like.

```
.text, #text, p{  
    color:rgb(99, 184, 20)  
}
```

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(99, 184, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 184, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 60.8146, -40.6419, 36.1169 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(99, 184, 20) }
```


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

```
.border{ border-color:rgb(99, 184, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 184, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 184, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 184, 20);  
box-shadow:4px 4px 4px 4px rgb(99, 184,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.8146, -40.6419, 36.1169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 184, 20) }
```

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

```
.background{ background-color: rgb(99, 184,  
20) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor