

Converting Colors

HunterLab(63.3950, -40.0422,
31.9653)

Have a look what the booklet for
HunterLab(63.3950, -40.0422,
31.9653) contains.

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Color

**HunterLab(63.3826,
-39.9576, 31.9605)**

Conversions

Conversions Part 1

Format	Color
Hex	66BE4C
RGB	102, 190, 76
RGB Percent	40%, 75%, 30%
CMY	0.6000, 0.2549, 0.7019
CMYK	0.46, 0.00, 0.60, 0.25
HSL	106°, 47%, 52%
HSV	106°, 60%, 75%
XYZ	25.1975, 40.1735, 13.2638
YIQ	150.6920, -15.8540, -54.1100

Conversions

Conversions Part 2

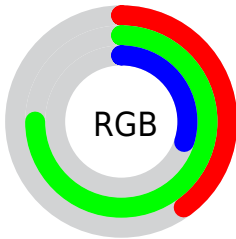
Format	Color
RYB	76, 190, 164
Decimal	6733388
CIELab	69.59, -47.74, 48.43
CIElCh	70, 68.001, 134.586
Yxy	40.1752, 0.3204, 0.5109
Android (android.graphics.Color)	4284923468 (0xFF66BE4C)
YUV	150.6920, -36.8232, -42.7029
Hunter-Lab	63.3826, -39.9576, 31.9605

Details

The HunterLab color $63.3826, -39.9576, 31.9605$ is a dark color, and the websafe version is hex $66CC66$. A complement of this color would be $40.9641, 46.7958, -44.4509$, and the grayscale version is $55.6553, -2.9696, 3.0239$.

A 20% lighter version of the original color is $86.8778, -46.1798, 38.5514$, and $42.6083, -33.1139, 24.6881$ is the 20% darker color. If you saturate the color by 10%, you get $62.5830, -43.5927, 34.1326$, and if you desaturate by 10%, it is $64.3536, -35.5876, 29.0559$.

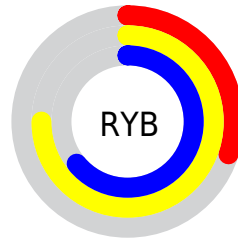
Distribution



Red (40%)

Green (75%)

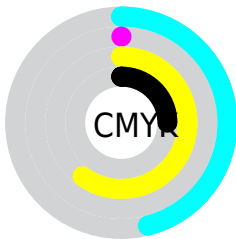
Blue (30%)



Red (30%)

Yellow (75%)

Blue (64%)

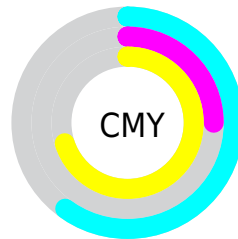


Cyan (46%)

Magenta (0%)

Yellow (60%)

Black (25%)



Cyan (60%)

Magenta (25%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3826, -39.9576, 31.9605 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 63.3826, -39.9576, 31.9605 by changing the saturation by 10% instead.

■ 63.3826, -39.9576,
31.9605

■ 63.3826, -39.9576,
31.9605

186.2422,
-66.0417, 59.0995

■ 52.6072, -36.5707,
28.3969

■ 86.8506, -46.3083,
38.6248

■ 42.5217, -32.9895,
24.6341

■ 99.4757, -49.3218,
41.7753

■ 33.1785, -29.1558,
20.6312

■ 112.6593,
-52.2521, 44.8304

■ 24.6421, -24.9802,
16.8130

■ 126.3789,
-55.1126, 47.8045

■ 16.9974, -20.3188,
11.8981

■ 140.6141,
-57.9139, 50.7095

■ 10.3639, -18.1369,
7.2548

155.3470,

0.0000, NaN, NaN

-60.6646, 53.5551

0.0000, NaN, NaN

170.5613,
-63.3719, 56.3496

0.0000, NaN, NaN

■ 63.3826, -39.9576,
31.9605

■ 63.3826, -39.9576,
31.9605

■ 62.5830, -43.5927,
34.1326

■ 64.3536, -35.5876,
29.0559

■ 61.9451, -46.4887,
35.6011

■ 65.4948, -30.4992,
25.4111

■ 61.4614, -48.6689,
36.4258

■ 66.8083, -24.7289,
21.0394

■ 61.1141, -50.2154,
36.7791

■ 68.2925, -18.3233,
15.9689

■ 61.1141, -50.2155,
36.7791

■ 69.9444, -11.3368,
10.2394

■ 71.7596, -3.8280,
3.8981

■ 73.7327, 4.1431,
-3.0030

■ 75.8573, 12.5179,
-10.4102

■ 78.1270, 21.2409,
-18.2704

Harmonies

Analogous

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



63.3839, -17.6758, 37.4089



63.3826, -39.9576, 31.9605



63.3839, -51.1263, 16.7182

Triad

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



63.3839, -39.9588, 31.9609



63.3839, -18.4280, -78.8894



63.3839, 65.0349, 16.1061

Complementary

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



63.3826, -39.9576, 31.9605



40.9641, 46.7958, -44.4509

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.



63.3839, 64.7264, -13.5004



63.3826, -39.9576, 31.9605



63.3839, 12.2951, -79.3309

Square

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



63.3839, -39.9588, 31.9609



63.3839, -40.4180, -50.4858



63.3839, 43.9894, -51.5012



63.3839, 44.7652, 31.6983

Rectangle

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



63.3826, -39.9576, 31.9605



63.3839, -52.4341, -1.2414



63.3839, 43.9894, -51.5012



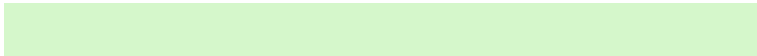
63.3839, 67.4426, 7.8084

Sweetspot

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



63.3839, -39.9588, 31.9609



92.2944, -23.1130, 20.2405



61.4878, -3.9376, 31.2259



42.9572, -12.0805, 10.4933



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.3839, -39.9588, 31.9609



83.9496, -60.0229, 46.6724



62.7808, -41.5788, 24.9756



32.7899, -5.0847, 4.6079



49.8637, -40.8200, 30.0111



10.0212, -7.4383, 6.0448

Inverse Universe

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



40.9641, 46.7958, -44.4509



49.2471, 75.6389, -74.6118



43.1755, 49.0148, -17.9588



30.9574, 1.8204, -1.3318



25.7159, 53.6519, -57.8992



5.3518, 10.9745, -10.5670

Previews

White Background



This preview shows how the HunterLab color 63.3826, -39.9576, 31.9605 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 63.3826, -39.9576, 31.9605 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 63.3826, -39.9576, 31.9605 Background



This preview shows how black text looks on a background with the HunterLab color 63.3826, -39.9576, 31.9605.



This preview shows how white text looks on a background with the HunterLab color 63.3826,

-39.9576, 31.9605.

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

63.3826, -39.9576, 31.9605

Protanopia

62.8566, -7.6740, 33.1320

Deuteranopia

62.8806, 4.5223, 30.9174



Tritanopia

63.1328, -15.4736, -8.2025

Trichromacy



Original Color

63.3826, -39.9576, 31.9605

Protanomaly

62.5142, -21.4651, 32.3305

Deuteranomaly

62.0759, -14.8913, 30.5549

Tritanomaly

62.6919, -26.2771, 10.8820

Monochromacy



Original Color

63.3826, -39.9576, 31.9605

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

57.7512, -18.3349, 15.6882

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3826, -39.9576, 31.9605 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(102, 190, 76)` looks like.

```
.text, #text, p{  
    color:rgb(102, 190, 76)  
}
```

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(102, 190, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 190, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3826, -39.9576, 31.9605 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(102, 190, 76) }
```


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

```
.border{ border-color:rgb(102, 190, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 190, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 190, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 190, 76);  
box-shadow:4px 4px 4px 4px rgb(102, 190,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3826, -39.9576, 31.9605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 190, 76) }
```

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

```
.background{ background-color: rgb(102,  
190, 76) }
```

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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