

# Converting Colors

HunterLab(69.6899, -40.3173,  
30.7451)

Have a look what the booklet for  
HunterLab(69.6899, -40.3173,  
30.7451) contains.

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# Color

**HunterLab(69.6813,  
-40.2148, 30.6310)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76CD6A
RGB	118, 205, 106
RGB Percent	46%, 80%, 42%
CMY	0.5373, 0.1961, 0.5843
CMYK	0.42, 0.00, 0.48, 0.20
HSL	113°, 50%, 61%
HSV	113°, 48%, 80%
XYZ	31.9041, 48.5548, 21.3262
YIQ	167.7010, -20.0730, -49.2330

# Conversions

## Conversions Part 2

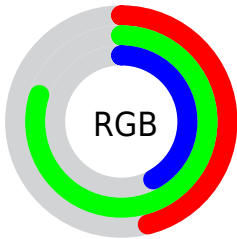
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 205, 193</a>
Decimal	<a href="#">7785834</a>
CIELab	<a href="#">75.17, -45.50, 41.05</a>
CIElCh	<a href="#">75, 61.281, 137.947</a>
Yxy	<a href="#">48.5569, 0.3134, 0.4770</a>
Android (android.graphics.Color)	<a href="#">4285975914 (0xFF76CD6A)</a>
YUV	<a href="#">167.7010, -30.4186, -43.5878</a>
Hunter-Lab	<a href="#">69.6813, -40.2148, 30.6310</a>

# Details

The HunterLab color  $69.6813, -40.2148, 30.6310$  is a dark color, and the websafe version is hex  $66CC66$ . A complement of this color would be  $51.0440, 44.1465, -34.8652$ , and the grayscale version is  $62.5811, -3.3392, 3.4001$ .

A 20% lighter version of the original color is  $91.1163, -42.9429, 34.0499$ , and  $48.0756, -33.7017, 24.5764$  is the 20% darker color. If you saturate the color by 10%, you get  $68.5835, -45.2052, 33.9489$ , and if you desaturate by 10%, it is  $71.0068, -34.2994, 26.5295$ .

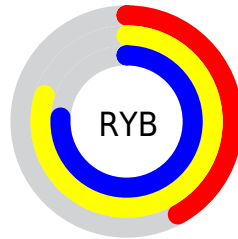
# Distribution



Red (46%)

Green (80%)

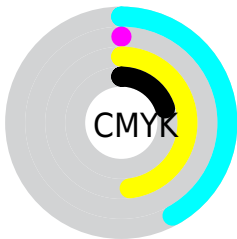
Blue (42%)



Red (42%)

Yellow (80%)

Blue (76%)

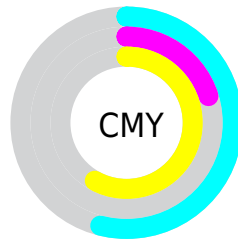


Cyan (42%)

Magenta (0%)

Yellow (48%)

Black (20%)



Cyan (54%)

Magenta (20%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.6813, -40.2148, 30.6310 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 69.6813, -40.2148, 30.6310 by changing the saturation by 10% instead.



■ 69.6813, -40.2148,  
30.6310

■ 69.6813, -40.2148,  
30.6310

195.1910,  
-65.0058, 54.0580

■ 58.5390, -37.0540,  
27.6384

■ 93.8259, -46.1881,  
36.2818

■ 48.0621, -33.7345,  
24.4980

■ 106.7657,  
-49.0397, 38.9777

■ 38.2977, -30.2124,  
21.1736

■ 120.2510,  
-51.8216, 41.6065

■ 29.3020, -26.4206,  
17.6183

■ 134.2607,  
-54.5448, 44.1788

■ 21.1476, -22.2554,  
14.3412

148.7758,  
-57.2182, 46.7036

■ 13.9322, -18.1555,  
9.7525

163.7792,

■ 7.5689, -13.2456,

-59.8489, 49.1879

5.2982

179.2557,  
-62.4432, 51.6377

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.6813, -40.2148,  
30.6310

■ 69.6813, -40.2148,  
30.6310

■ 68.5835, -45.2052,  
33.9489

■ 71.0068, -34.2994,  
26.5295

■ 67.7043, -49.2399,  
36.4773

■ 72.5566, -27.5060,  
21.6697

■ 67.0363, -52.3223,  
38.2400

■ 74.3300, -19.9036,  
16.0963

■ 66.5657, -54.4895,  
39.2938


■ 76.3224, -11.5715,  
9.8655

■ 66.2707, -55.8327,


■ 78.5272, -2.5941,


39.7683

3.0406

 66.2339, -56.0013,  
39.8326

 80.9361, 6.9433,  
-4.3122

 83.5399, 16.9589,  
-12.1272

 84.9380, 21.8397,  
-13.3191

# Harmonies

## Analogous

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



69.6828, -19.9577, 37.5760



69.6813, -40.2148, 30.6310



69.6828, -49.9790, 13.9088

# Triad

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



69.6828, -40.2160, 30.6315



69.6828, -14.8984, -69.7651



69.6828, 57.0832, 18.1349

# Complementary

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



69.6813, -40.2148, 30.6310



51.0440, 44.1465, -34.8652

# 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.



69.6828, 59.0312, -8.1113



69.6813, -40.2148, 30.6310



69.6828, 14.1517, -67.1139

# Square

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



69.6828, -40.2160, 30.6315



69.6828, -37.0316, -47.6702



69.6828, 42.2819, -41.4487



69.6828, 37.3263, 32.6408



# Rectangle

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



69.6813, -40.2148, 30.6310



69.6828, -50.4721, -3.8799



69.6828, 42.2819, -41.4487



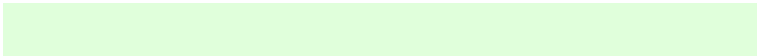
69.6828, 59.9467, 10.6818

# Sweetspot

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



69.6828, -40.2160, 30.6315



96.1447, -21.1927, 17.4168



71.8566, -10.0233, 32.8505



44.2287, -10.8653, 8.8481

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



69.6828, -40.2160, 30.6315



87.7185, -58.1105, 43.6139



69.7790, -38.5107, 20.4773



35.4979, -5.8414, 4.9363



52.2793, -44.0939, 31.4423



11.9674, -9.6196, 7.2058



# Inverse Universe

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



51.0440, 44.1465, -34.8652



59.8113, 69.2264, -55.7157



51.1291, 41.3238, -11.1295



33.6632, 2.3260, -1.3560



29.7055, 60.1087, -52.4093



6.8930, 13.8580, -11.4653



# Previews

## White Background



This preview shows how the HunterLab color 69.6813, -40.2148, 30.6310 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 69.6813, -40.2148, 30.6310 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

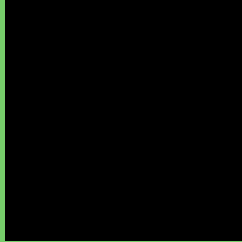
Any Text WCAG AA ✓ Pass

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 69.6813, -40.2148, 30.6310 Background



This preview shows how black text looks on a background with the HunterLab color 69.6813, -40.2148, 30.6310.



This preview shows how white text looks on a background with the HunterLab color 69.6813, -40.2148, 30.6310.

-40.2148, 30.6310.

# 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

69.6813, -40.2148, 30.6310

### Protanopia

69.1942, -7.5284, 32.3906

### Deuteranopia

69.2321, 5.0182, 29.3691



## Tritanopia

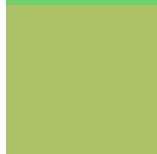
69.7067, -16.2757, -8.6393

# Trichromacy



## Original Color

69.6813, -40.2148, 30.6310



## Protanomaly

68.8689, -21.3521, 31.2409



## Deuteranomaly

68.5425, -14.2377, 29.2258



## Tritanomaly

69.4205, -26.3468, 8.9812

# Monochromacy



## Original Color

69.6813, -40.2148, 30.6310



## Achromatopsia

62.5758, -3.3389, 3.3999



## Achromatomaly

64.4795, -18.1284, 14.7826

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.6813, -40.2148, 30.6310 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(118, 205, 106)` looks like.

```
.text, #text, p{  
    color:rgb(118, 205, 106)  
}
```

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(118, 205, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 205, 106) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.6813, -40.2148, 30.6310 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(118, 205, 106) }
```



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

```
.border{ border-color:rgb(118, 205, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 205, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 205, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 205, 106);  
box-shadow:4px 4px 4px 4px rgb(118, 205,  
106) }
```

# Background

The CSS property to change the background color of an element to HunterLab 69.6813, -40.2148, 30.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 205, 106) }
```

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

```
.background{ background-color: rgb(118,  
205, 106) }
```

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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