

# Converting Colors

HunterLab(65.4186, -40.7516,  
21.8427)

Have a look what the booklet for  
HunterLab(65.4186, -40.7516,  
21.8427) contains.

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# Color

**HunterLab(65.4410,  
-40.6758, 21.7290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53C47E
RGB	83, 196, 126
RGB Percent	33%, 77%, 49%
CMY	0.6745, 0.2314, 0.5059
CMYK	0.58, 0.00, 0.36, 0.23
HSL	143°, 49%, 55%
HSV	143°, 58%, 77%
XYZ	27.0731, 42.8252, 26.5778
YIQ	154.2330, -44.8780, -45.7260

# Conversions

## Conversions Part 2

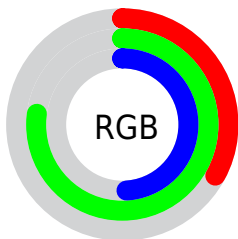
Format	Color
<a href="#">RYB</a>	<a href="#">83, 165, 196</a>
Decimal	<a href="#">5489790</a>
CIELab	<a href="#">71.44, -47.90, 25.76</a>
CIELCh	<a href="#">71, 54.388, 151.729</a>
Yxy	<a href="#">42.8270, 0.2806, 0.4439</a>
Android (android.graphics.Color)	<a href="#">4283679870 (0xFF53C47E)</a>
YUV	<a href="#">154.2330, -13.9189, -62.4713</a>
Hunter-Lab	<a href="#">65.4410, -40.6758, 21.7290</a>

# Details

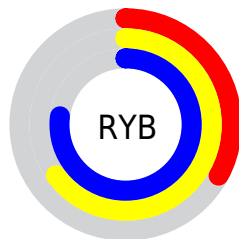
The HunterLab color  $65.4410, -40.6758, 21.7290$  is a dark color, and the websafe version is hex  $66CC99$ . The color can be described as middle muted spring green. A complement of this color would be  $44.9701, 46.7695, -11.2065$ , and the grayscale version is  $57.0093, -3.0419, 3.0974$ .

A 20% lighter version of the original color is  $88.9764, -46.8821, 25.5874$ , and  $44.2470, -33.6943, 17.5129$  is the 20% darker color. If you saturate the color by 10%, you get  $64.6245, -44.4663, 24.4757$ , and if you desaturate by 10%, it is  $66.4686, -36.0601, 18.8297$ .

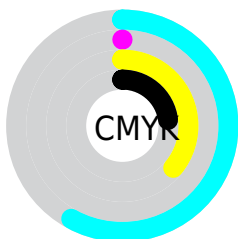
# Distribution



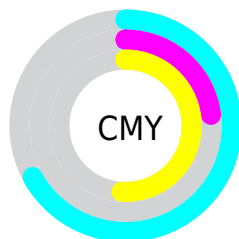
- Red (33%)
- Green (77%)
- Blue (49%)



- Red (33%)
- Yellow (65%)
- Blue (77%)



- Cyan (58%)
- Magenta (0%)
- Yellow (36%)
- Black (23%)




- Cyan (67%)
- Magenta (23%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.4410, -40.6758, 21.7290 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 65.4410, -40.6758, 21.7290 by changing the saturation by 10% instead.





 65.4410, -40.6758,  
21.7290


 65.4410, -40.6758,  
21.7290


189.1824,  
-66.7124, 38.6244


 54.5430, -37.3089,  
19.6707


 89.1346, -47.0005,  
25.6748

 44.3266, -33.7557,  
17.5299


 101.8644,  
-50.0061, 27.5860

 34.8422, -29.9618,  
15.2795


 115.1485,  
-52.9308, 29.4681

 26.1514, -25.8441,  
12.8787

 128.9646,  
-55.7874, 31.3274

 18.3346, -21.2709,  
10.3019

143.2928,  
-58.5862, 33.1690

 11.5034, -19.6012,  
8.0524

158.1156,

 3.9891, -6.9809,

-61.3355, 34.9969

2.7924

173.4170,  
-64.0423, 36.8144

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.4410, -40.6758,  
21.7290

■ 65.4410, -40.6758,  
21.7290

■ 64.6245, -44.4663,  
24.4757

■ 66.4686, -36.0601,  
18.8297

■ 64.0049, -47.4321,  
27.0326

■ 67.7090, -30.6404,  
15.8134

■ 63.5682, -49.6094,  
29.3680

■ 69.1656, -24.4623,  
12.7182

■ 63.2876, -51.0913,  
31.4498

■ 70.8370, -17.5864,  
9.5805

■ 63.2328, -51.3861,

■ 72.7195, -10.0833,

31.8923

6.4333

■ 74.8070, -2.0282,  
3.3059

■ 77.0922, 6.5030,  
0.2231

■ 79.5662, 15.4373,  
-2.7954

■ 81.7042, 23.0917,  
-6.4391

# Harmonies

## Analogous

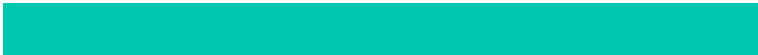
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.4423, -26.9042, 31.7402



65.4410, -40.6758, 21.7290



65.4423, -44.9438, 2.1674

# Triad

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



65.4423, -40.6766, 21.7295



65.4423, -2.0386, -60.6045



65.4423, 42.6114, 23.3353

# Complementary

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



65.4410, -40.6758, 21.7290



44.9701, 46.7695, -11.2065

# 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.



65.4423, 51.8135, 4.9270



65.4410, -40.6758, 21.7290



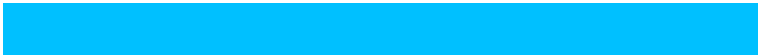
65.4423, 23.7505, -48.4835

# Square

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



65.4423, -40.6766, 21.7295



65.4423, -24.7413, -50.8596



65.4423, 44.4468, -22.0066



65.4423, 20.8629, 32.3927



# Rectangle

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



65.4410, -40.6758, 21.7290



65.4423, -42.4289, -15.7278



65.4423, 44.4468, -22.0066



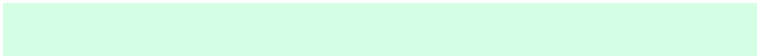
65.4423, 47.4098, 18.3302

# Sweetspot

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



65.4423, -40.6766, 21.7295



95.4330, -23.2950, 12.7309



68.5800, -29.6007, 34.6650



43.9275, -11.6873, 6.2898

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



65.4423, -40.6766, 21.7295



86.7524, -60.9187, 33.8035



66.8238, -32.4188, 1.8517



33.6465, -5.3019, 3.2400



50.7010, -41.0938, 25.3378



10.6025, -8.1464, 4.3335



# Inverse Universe

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



44.9701, 46.7695, -11.2065



55.2196, 75.0843, -15.7718



43.3661, 39.6369, 11.5943



31.9068, 1.9510, 0.3594



29.0716, 52.9188, -5.5003



6.1502, 11.3850, -2.6348



# Previews

## White Background



This preview shows how the HunterLab color 65.4410, -40.6758, 21.7290 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 65.4410, -40.6758, 21.7290 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 65.4410, -40.6758, 21.7290 Background



This preview shows how black text looks on a background with the HunterLab color 65.4410, -40.6758, 21.7290.



This preview shows how white text looks on a background with the HunterLab color 65.4410, -40.6758, 21.7290.

-40.6758, 21.7290.

# 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

65.4410, -40.6758, 21.7290

### Protanopia

64.9983, -6.4082, 24.5879

### Deuteranopia

64.9371, 4.4332, 19.8310



## Tritanopia

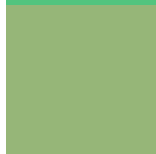
65.4280, -21.0401, -10.6871

# Trichromacy



## Original Color

65.4410, -40.6758, 21.7290



## Protanomaly

64.2620, -21.6396, 22.8246



## Deuteranomaly

63.9735, -15.8393, 19.5699



## Tritanomaly

65.1339, -29.0747, 3.1747

# Monochromacy



## Original Color

65.4410, -40.6758, 21.7290



## Achromatopsia

56.8457, -3.0331, 3.0885



## Achromatomaly

59.1428, -18.6181, 9.6664

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.4410, -40.6758, 21.7290 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(83, 196, 126)` looks like.

```
.text, #text, p{  
    color:rgb(83, 196, 126)  
}
```

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(83, 196, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 196, 126) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.4410, -40.6758, 21.7290 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(83, 196, 126) }
```



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

```
.border{ border-color:rgb(83, 196, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 196, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 196, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 196, 126);  
box-shadow:4px 4px 4px 4px rgb(83, 196,  
126) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.4410, -40.6758, 21.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 196, 126) }
```

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

```
.background{ background-color: rgb(83, 196,  
126) }
```

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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