

Converting Colors

HunterLab(62.9788, -40.3864,
24.6397)

Have a look what the booklet for
HunterLab(62.9788, -40.3864,
24.6397) contains.

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Color

**HunterLab(63.0465,
-40.4350, 24.7990)**

Conversions

Conversions Part 1

Format	Color
Hex	53BE6C
RGB	83, 190, 108
RGB Percent	33%, 75%, 42%
CMY	0.6745, 0.2549, 0.5765
CMYK	0.56, 0.00, 0.43, 0.25
HSL	134°, 45%, 54%
HSV	134°, 56%, 75%
XYZ	24.6875, 39.7486, 20.5585
YIQ	148.6590, -37.4500, -48.1860

Conversions

Conversions Part 2

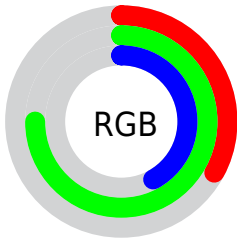
Format	Color
RYB	83, 170, 190
Decimal	5488236
CIELab	69.29, -48.61, 32.31
CIELCh	69, 58.372, 146.386
Yxy	39.7503, 0.2905, 0.4677
Android (android.graphics.Color)	4283678316 (0xFF53BE6C)
YUV	148.6590, -20.0449, -57.5829
Hunter-Lab	63.0465, -40.4350, 24.7990

Details

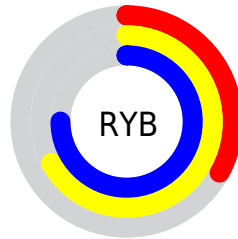
The HunterLab color $63.0465, -40.4350, 24.7990$ is a dark color, and the websafe version is hex $66CC66$. A complement of this color would be $44.5545, 46.7114, -19.0999$, and the grayscale version is $54.7746, -2.9226, 2.9760$.

A 20% lighter version of the original color is $86.4421, -46.8061, 29.6346$, and $42.3825, -33.4485, 19.7421$ is the 20% darker color. If you saturate the color by 10%, you get $62.2227, -44.2743, 27.6004$, and if you desaturate by 10%, it is $64.0878, -35.7217, 21.6615$.

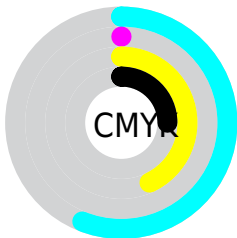
Distribution



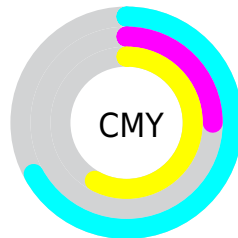
- Red (33%)
- Green (75%)
- Blue (42%)



- Red (33%)
- Yellow (67%)
- Blue (75%)



- Cyan (56%)
- Magenta (0%)
- Yellow (43%)
- Black (25%)



- Cyan (67%)
- Magenta (25%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.0465, -40.4350, 24.7990 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 63.0465, -40.4350, 24.7990 by changing the saturation by 10% instead.

■ 63.0465, -40.4350,
24.7990

■ 63.0465, -40.4350,
24.7990

185.7605,
-66.9221, 44.6114

■ 52.2914, -36.9863,
22.3015

■ 86.4772, -46.8944,
29.5276

■ 42.2275, -33.3370,
19.6805

■ 99.0849, -49.9568,
31.7928

■ 32.9077, -29.4268,
16.8993

■ 112.2520,
-52.9332, 34.0086

■ 24.3969, -25.1632,
13.9055

■ 125.9557,
-55.8373, 36.1843

■ 16.7809, -20.3974,
11.5128

140.1756,
-58.6801, 38.3270

■ 10.1805, -17.8159,
7.1264

154.8936,

0.0000, NaN, NaN

-61.4705, 40.4427

0.0000, NaN, NaN

170.0936,
-64.2158, 42.5362

0.0000, NaN, NaN

■ 63.0465, -40.4350,
24.7990

■ 63.0465, -40.4350,
24.7990

■ 62.2227, -44.2743,
27.6004

■ 64.0878, -35.7217,
21.6615

■ 61.6028, -47.2355,
30.0349

■ 65.3477, -30.1616,
18.2235

■ 61.1734, -49.3520,
32.0833

■ 66.8287, -23.8080,
14.5278

■ 60.9113, -50.7033,
33.7348

■ 68.5287, -16.7294,
10.6190

■ 60.8385, -51.0845,
34.2338

■ 70.4429, -9.0041,
6.5416

■ 72.5645, -0.7145,
2.3380

■ 74.8849, 8.0574,
-1.9535

■ 77.3949, 17.2340,
-6.2992

■ 80.0844, 26.7442,
-10.6707

Harmonies

Analogous

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



63.0478, -24.4511, 33.2417



63.0465, -40.4350, 24.7990



63.0478, -46.5854, 6.4111

Triad

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



63.0478, -40.4359, 24.7995



63.0478, -6.5469, -66.6340



63.0478, 49.0758, 21.3959

Complementary

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



63.0465, -40.4350, 24.7990



44.5545, 46.7114, -19.0999

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.



63.0478, 55.9662, 0.2998



63.0465, -40.4350, 24.7990



63.0478, 20.9119, -57.2568

Square

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



63.0478, -40.4359, 24.7995



63.0478, -29.1671, -51.7459



63.0478, 44.9223, -29.7281



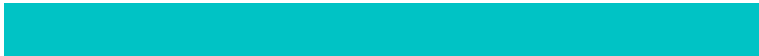
63.0478, 27.3908, 31.9232

Rectangle

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



63.0465, -40.4350, 24.7990



63.0478, -45.1814, -11.8301



63.0478, 44.9223, -29.7281



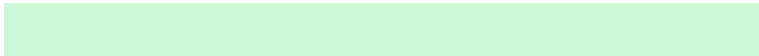
63.0478, 53.3387, 15.6314

Sweetspot

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



63.0478, -40.4359, 24.7995



92.0166, -23.4737, 14.8101



67.4212, -23.9991, 33.9276



42.8929, -11.9346, 7.4489



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.



63.0478, -40.4359, 24.7995



83.5005, -60.8271, 38.1176



64.2318, -33.3263, 7.6711



32.6882, -5.3405, 3.6476



49.6196, -41.5905, 27.7618



9.8736, -7.9001, 4.7129

Inverse Universe

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



44.5545, 46.7114, -19.0999



54.7799, 75.7918, -29.5410



42.7713, 38.7835, 5.9725



31.0759, 2.0923, -0.1962



29.4341, 55.1100, -17.4393



5.9061, 11.1926, -4.5419

Previews

White Background



This preview shows how the HunterLab color 63.0465, -40.4350, 24.7990 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 63.0465, -40.4350, 24.7990 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 63.0465, -40.4350, 24.7990 Background



This preview shows how black text looks on a background with the HunterLab color 63.0465, -40.4350, 24.7990.



This preview shows how white text looks on a background with the HunterLab color 63.0465,

-40.4350, 24.7990.

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

63.0465, -40.4350, 24.7990

Protanopia

62.5426, -6.5035, 26.9950

Deuteranopia

62.5660, 4.4201, 23.2599



Tritanopia

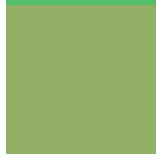
62.8815, -19.5328, -9.7185

Trichromacy



Original Color

63.0465, -40.4350, 24.7990



Protanomaly

61.8328, -21.5852, 25.4190



Deuteranomaly

61.5987, -15.7127, 22.9271



Tritanomaly

62.8225, -28.4467, 5.5110

Monochromacy



Original Color

63.0465, -40.4350, 24.7990



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

57.1245, -18.6119, 11.4648

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.0465, -40.4350, 24.7990 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, 190, 108)` looks like.

```
.text, #text, p{  
    color:rgb(83, 190, 108)  
}
```

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, 190, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 190, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 63.0465, -40.4350, 24.7990 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, 190, 108) }
```


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

```
.border{ border-color:rgb(83, 190, 108) }
```

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

Here you see how a box with a 4 pixel rgb(83, 190, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 190, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 190, 108);  
box-shadow:4px 4px 4px 4px rgb(83, 190,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.0465, -40.4350, 24.7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 190, 108) }
```

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

```
.background{ background-color: rgb(83, 190,  
108) }
```

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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