

Converting Colors

HunterLab(64.4254, -38.9059,
14.1034)

Have a look what the booklet for
HunterLab(64.4254, -38.9059,
14.1034) contains.

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Color

**HunterLab(64.3772,
-38.7887, 13.9446)**

Conversions

Conversions Part 1

Format	Color
Hex	44C192
RGB	68, 193, 146
RGB Percent	27%, 76%, 57%
CMY	0.7333, 0.2431, 0.4274
CMYK	0.65, 0.00, 0.24, 0.24
HSL	157°, 50%, 51%
HSV	157°, 65%, 76%
XYZ	26.6422, 41.4442, 33.7895
YIQ	150.2670, -59.4130, -41.1170

Conversions

Conversions Part 2

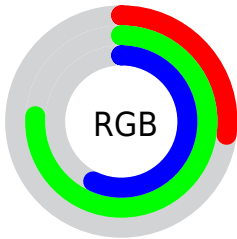
Format	Color
RYB	68, 145, 193
Decimal	4506002
CIELab	70.49, -45.56, 13.71
CIELCh	70, 47.577, 163.254
Yxy	41.4459, 0.2615, 0.4068
Android (android.graphics.Color)	4282696082 (0xFF44C192)
YUV	150.2670, -2.1036, -72.1482
Hunter-Lab	64.3772, -38.7887, 13.9446

Details

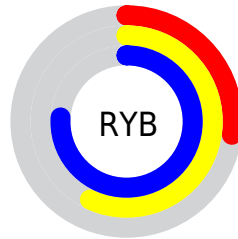
The HunterLab color **64.3772, -38.7887, 13.9446** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **40.8785, 47.0391, 2.4854**, and the grayscale version is **55.3604, -2.9539, 3.0078**.

A 20% lighter version of the original color is **87.8684, -44.7536, 16.4893**, and **43.5926, -30.6144, 11.6006** is the 20% darker color. If you saturate the color by 10%, you get **63.7524, -41.6683, 15.9289**, and if you desaturate by 10%, it is **65.1850, -35.2066, 12.0366**.

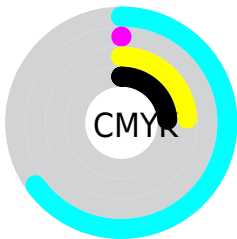
Distribution



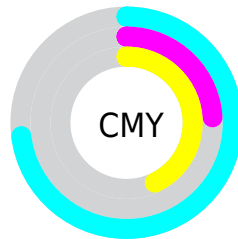
- Red (27%)
- Green (76%)
- Blue (57%)



- Red (27%)
- Yellow (57%)
- Blue (76%)



- Cyan (65%)
- Magenta (0%)
- Yellow (24%)
- Black (24%)



- Cyan (73%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3772, -38.7887, 13.9446 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 64.3772, -38.7887, 13.9446 by changing the saturation by 10% instead.

■ 64.3772, -38.7887,
13.9446

■ 64.3772, -38.7887,
13.9446

187.6648,
-63.8708, 25.8626

■ 53.5422, -35.5546,
12.6121

■ 87.9547, -44.8682,
16.5805

■ 43.3930, -32.1429,
11.2581

■ 100.6307,
-47.7600, 17.8930

■ 33.9811, -28.5002,
9.8705

■ 113.8631,
-50.5758, 19.2067

■ 25.3696, -24.5447,
8.4292

■ 127.6294,
-53.3280, 20.5241

■ 17.6410, -20.1454,
6.9008

■ 141.9098,
-56.0262, 21.8471

■ 10.9111, -19.0944,
5.9766

156.6864,

■ 2.3224, -4.0642,

-58.6786, 23.1771

1.6257

171.9429,
-61.2916, 24.5153

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.3772, -38.7887,
13.9446

■ 64.3772, -38.7887,
13.9446

■ 63.7524, -41.6683,
15.9289

■ 65.1850, -35.2066,
12.0366

■ 63.2934, -43.8718,
17.9558

■ 66.1808, -30.9176,
10.2315

■ 62.9823, -45.4596,
19.9907


■ 67.3710, -25.9411,
8.5546


■ 62.8554, -46.1368,
21.0323


■ 68.7577, -20.3126,
7.0261


■ 70.3400, -14.0806,

5.6615

 72.1149, -7.3018,
4.4714

 74.0777, -0.0371,
3.4622

 76.2219, 7.6512,
2.6359

 78.5404, 15.7030,
1.9910

Harmonies

Analogous

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



64.3785, -29.6612, 26.2667



64.3772, -38.7887, 13.9446



64.3785, -39.2965, -6.2994

Triad

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



64.3785, -38.7893, 13.9452



64.3785, 6.4322, -48.4879



64.3785, 29.9383, 25.2382

Complementary

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



64.3772, -38.7887, 13.9446



40.8785, 47.0391, 2.4854

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.



64.3785, 42.5327, 11.9737



64.3772, -38.7887, 13.9446



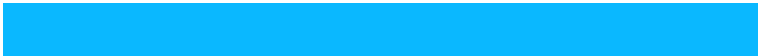
64.3785, 27.7961, -32.7241

Square

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



64.3785, -38.7893, 13.9452



64.3785, -15.0504, -47.4141



64.3785, 41.7003, -9.0442



64.3785, 9.0596, 31.1449

Rectangle

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



64.3772, -38.7887, 13.9446



64.3785, -34.8102, -22.3487



64.3785, 41.7003, -9.0442



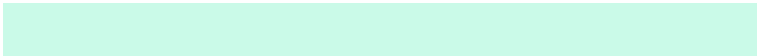
64.3785, 35.3978, 21.7243

Sweetspot

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



64.3785, -38.7893, 13.9452



93.1413, -22.7188, 8.3760



65.0126, -38.7999, 34.3932



42.8615, -11.6272, 4.1265



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.



64.3785, -38.7893, 13.9452



85.0173, -57.1852, 22.5214



60.8997, -24.4632, -12.0226



33.7078, -4.9599, 2.3634



51.2761, -37.5304, 16.9266



10.7193, -7.4273, 2.6351

Inverse Universe

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



40.8785, 47.0391, 2.4854



49.5999, 73.9507, 7.3340



42.2833, 36.1792, 19.0189



31.8420, 1.6033, 1.2813



28.0559, 49.2247, 8.9959



5.9457, 10.6480, 0.2311

Previews

White Background



This preview shows how the HunterLab color 64.3772, -38.7887, 13.9446 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 64.3772, -38.7887, 13.9446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

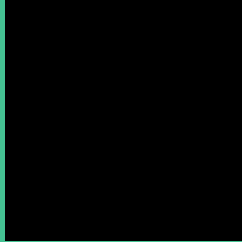
Any Text WCAG AA ✓ Pass

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 64.3772, -38.7887, 13.9446 Background



This preview shows how black text looks on a background with the HunterLab color 64.3772, -38.7887, 13.9446.



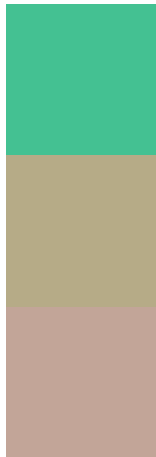
This preview shows how white text looks on a background with the HunterLab color 64.3772, -38.7887, 13.9446.

-38.7887, 13.9446.

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

64.3772, -38.7887, 13.9446

Protanopia

63.8907, -5.0074, 18.0104

Deuteranopia

63.7547, 4.2589, 11.7344



Tritanopia

64.3884, -23.3546, -11.6159

Trichromacy



Original Color

64.3772, -38.7887, 13.9446



Protanomaly

63.0611, -20.4438, 15.5346



Deuteranomaly

62.5762, -15.2391, 10.9535



Tritanomaly

64.4055, -29.7547, -1.0784

Monochromacy



Original Color

64.3772, -38.7887, 13.9446



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

57.8234, -18.4388, 6.1527

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3772, -38.7887, 13.9446 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(68, 193, 146)` looks like.

```
.text, #text, p{  
    color:rgb(68, 193, 146)  
}
```

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(68, 193, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 193, 146) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3772, -38.7887, 13.9446 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(68, 193, 146) }
```


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

```
.border{ border-color:rgb(68, 193, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 193, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 193, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 193, 146);  
box-shadow:4px 4px 4px 4px rgb(68, 193,  
146) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3772, -38.7887, 13.9446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 193, 146) }
```

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

```
.background{ background-color: rgb(68, 193,  
146) }
```

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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