

Converting Colors

HunterLab(63.8544, -38.3122,
7.0222)

Have a look what the booklet for
HunterLab(63.8544, -38.3122,
7.0222) contains.

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Color

**HunterLab(63.8587,
-38.2781, 6.9424)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 29C0A2 |
| RGB | 41, 192, 162 |
| RGB Percent | 16%, 75%, 64% |
| CMY | 0.8392, 0.2470, 0.3647 |
| CMYK | 0.79, 0.00, 0.16, 0.25 |
| HSL | 168°, 65%, 46% |
| HSV | 168°, 79%, 75% |
| XYZ | 26.2857, 40.7793, 40.6683 |
| YIQ | 143.4310, -80.3660, -41.3420 |

Conversions

Conversions Part 2

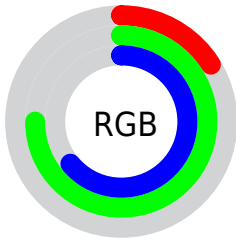
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 41, 125, 192 |
| Decimal | 2736290 |
| CIELab | 70.02, -45.02, 4.28 |
| CIElCh | 70, 45.224, 174.569 |
| Yxy | 40.7809, 0.2440, 0.3785 |
| Android (android.graphics.Color) | 4280926370 (0xFF29C0A2) |
| YUV | 143.4310, 9.1545, -89.8320 |
| Hunter-Lab | 63.8587, -38.2781, 6.9424 |

Details

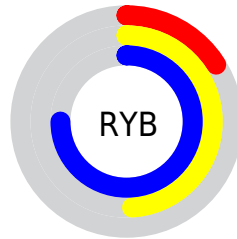
The HunterLab color **63.8587, -38.2781, 6.9424** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **36.3983, 52.3817, 13.6324**, and the grayscale version is **52.5717, -2.8051, 2.8563**.

A 20% lighter version of the original color is **87.2960, -44.2272, 8.4316**, and **43.6086, -28.1782, 6.3216** is the 20% darker color. If you saturate the color by 10%, you get **63.5170, -39.8733, 8.1671**, and if you desaturate by 10%, it is **64.3539, -36.0852, 5.8665**.

Distribution



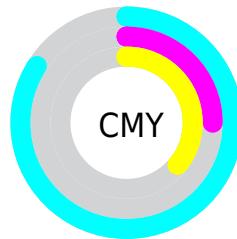
- Red (16%)
- Green (75%)
- Blue (64%)



- Red (16%)
- Yellow (49%)
- Blue (75%)



- Cyan (79%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)





- Cyan (84%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.8587, -38.2781, 6.9424 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 63.8587, -38.2781, 6.9424 by changing the saturation by 10% instead.


 63.8587, -38.2781,
6.9424

 63.8587, -38.2781,
6.9424


186.9235,
-63.1545, 15.2085


 53.0546, -35.0706,
6.1347


 87.3792, -44.3063,
8.6265


 42.9386, -31.6868,
5.3479


 100.0286,
-47.1739, 9.5017


 33.5624, -28.0725,
4.5814


 113.2357,
-49.9664, 10.3990

 24.9898, -24.1457,
3.8325

 126.9777,
-52.6959, 11.3183

 17.3048, -19.7736,
3.0960

 141.2346,
-55.3722, 12.2592

 10.6250, -18.5937,
2.3659

155.9884,

 0.4952, -0.8666,

-58.0032, 13.2214

0.3467

171.2230,
-60.5955, 14.2046

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.8587, -38.2781,
6.9424

■ 63.8587, -38.2781,
6.9424

■ 63.5170, -39.8733,
8.1671

■ 64.3539, -36.0852,
5.8665

■ 63.2953, -40.9782,
9.4953

■ 65.0145, -33.2493,
4.9643

■ 63.2684, -41.1153,
9.6763

■ 65.8527, -29.7516,
4.2578

■ 66.8757, -25.5946,
3.7623

■ 68.0876, -20.7983,

3.4878

■ 69.4894, -15.3973,
3.4387

■ 71.0799, -9.4364,
3.6147

■ 72.8559, -2.9676,
4.0113

■ 74.8126, 3.9538,
4.6205

Harmonies

Analogous

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



63.8599, -32.6092, 21.7014



63.8587, -38.2781, 6.9424



63.8599, -35.6136, -14.2764

Triad

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



63.8599, -38.2785, 6.9431



63.8599, 13.9229, -41.2115



63.8599, 21.2345, 27.2021

Complementary

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



63.8587, -38.2781, 6.9424



36.3983, 52.3817, 13.6324

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.



63.8599, 36.7905, 17.2525



63.8587, -38.2781, 6.9424



63.8599, 32.2081, -22.4783

Square

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



63.8599, -38.2785, 6.9431



63.8599, -7.1195, -46.6157



63.8599, 41.0407, -0.1970



63.8599, 0.3845, 30.7756

Rectangle

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



63.8587, -38.2781, 6.9424



63.8599, -29.2701, -29.0562



63.8599, 41.0407, -0.1970



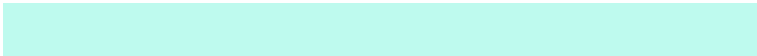
63.8599, 27.3563, 24.6820

Sweetspot

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



63.8599, -38.2785, 6.9431



92.4221, -24.9970, 4.6295



62.6165, -47.2501, 35.7697



42.5046, -12.7549, 2.1681



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.



63.8599, -38.2785, 6.9431



85.2837, -54.7305, 12.2158



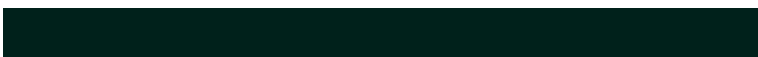
50.0532, -13.3539, -28.4654



33.7536, -4.7048, 1.7097



51.9089, -33.6606, 7.7820



10.8314, -6.7458, 1.0241

Inverse Universe

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



36.3983, 52.3817, 13.6324



45.8161, 77.2972, 23.7488



42.5108, 32.6441, 23.8396



31.7960, 1.3560, 1.9371



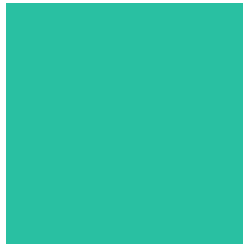
27.6489, 47.7251, 14.9545



5.8331, 10.2368, 1.8510

Previews

White Background



This preview shows how the HunterLab color 63.8587, -38.2781, 6.9424 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 63.8587, -38.2781, 6.9424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

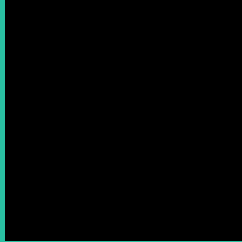
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

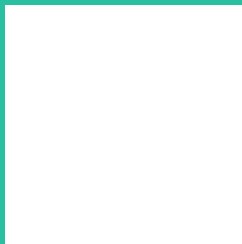
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 63.8587, -38.2781, 6.9424 Background



This preview shows how black text looks on a background with the HunterLab color 63.8587, -38.2781, 6.9424.



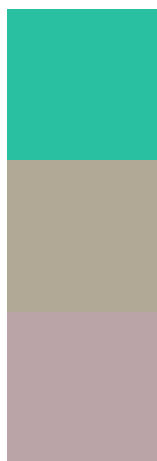
This preview shows how white text looks on a background with the HunterLab color 63.8587, -38.2781, 6.9424.

-38.2781, 6.9424.

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

63.8587, -38.2781, 6.9424

Protanopia

63.1863, -3.7226, 11.7950

Deuteranopia

63.2004, 4.7370, 4.2730



Tritanopia

63.6713, -26.0135, -13.2536

Trichromacy



Original Color

63.8587, -38.2781, 6.9424



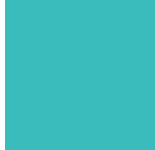
Protanomaly

61.9408, -20.6259, 8.5430



Deuteranomaly

61.7200, -15.8954, 3.0973



Tritanomaly

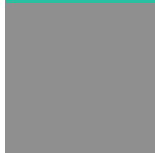
63.5800, -30.8580, -5.2040

Monochromacy



Original Color

63.8587, -38.2781, 6.9424



Achromatopsia

52.4097, -2.7964, 2.8475



Achromatomaly

55.4580, -19.1803, 2.9893

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.8587, -38.2781, 6.9424 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(41, 192, 162)` looks like.

```
.text, #text, p{  
    color:rgb(41, 192, 162)  
}
```

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(41, 192, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 192, 162) }
```

Border

The CSS property to change the border of an element to HunterLab 63.8587, -38.2781, 6.9424 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(41, 192, 162) }
```


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

```
.border{ border-color:rgb(41, 192, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 192, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 192, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 192, 162);  
box-shadow:4px 4px 4px 4px rgb(41, 192,  
162) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.8587, -38.2781, 6.9424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 192, 162) }
```

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

```
.background{ background-color: rgb(41, 192,  
162) }
```

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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