

Converting Colors

HunterLab(70.2143, -38.0069,
16.7850)

Have a look what the booklet for
HunterLab(70.2143, -38.0069,
16.7850) contains.

HunterLab(70.2143, -38.0069, 16.7850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(70.2143,
-38.0069, 16.7850)**

Conversions

Conversions Part 1

Format	Color
Hex	66CE9A
RGB	102, 206, 154
RGB Percent	40%, 81%, 60%
CMY	0.6000, 0.1921, 0.3961
CMYK	0.50, 0.00, 0.25, 0.19
HSL	150°, 51%, 60%
HSV	150°, 50%, 81%
XYZ	33.3835, 49.3005, 38.3283
YIQ	168.9760, -45.2920, -38.2200

Conversions

Conversions Part 2

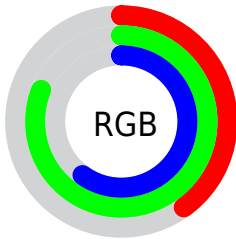
Format	Color
RYB	102, 171, 206
Decimal	6737562
CIELab	75.64, -42.21, 16.78
CIELCh	76, 45.427, 158.321
Yxy	49.3025, 0.2759, 0.4074
Android (android.graphics.Color)	4284927642 (0xFF66CE9A)
YUV	168.9760, -7.3832, -58.7380
Hunter-Lab	70.2143, -38.0069, 16.7850

Details

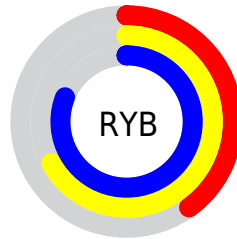
The HunterLab color **70.2143, -38.0069, 16.7850** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **49.9587, 41.3388, -4.7761**, and the grayscale version is **63.0228, -3.3627, 3.4241**.

A 20% lighter version of the original color is **91.3753, -39.6372, 16.4707**, and **48.5633, -31.9493, 13.6988** is the 20% darker color. If you saturate the color by 10%, you get **69.2214, -42.4585, 19.4130**, and if you desaturate by 10%, it is **71.4265, -32.7505, 14.1661**.

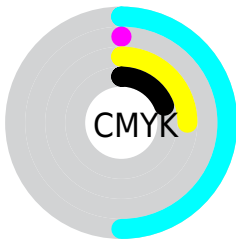
Distribution



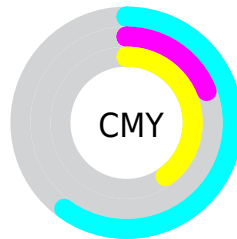
- Red (40%)
- Green (81%)
- Blue (60%)



- Red (40%)
- Yellow (67%)
- Blue (81%)



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)
- Black (19%)



- Cyan (60%)
- Magenta (19%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.2143, -38.0069, 16.7850 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 70.2143, -38.0069, 16.7850 by changing the saturation by 10% instead.

■ 70.2143, -38.0069,
16.7850

■ 70.2143, -38.0069,
16.7850

195.9418,
-61.3905, 29.9300

■ 59.0419, -35.0516,
15.2857

■ 94.4143, -43.6089,
19.7316

■ 48.5331, -31.9558,
13.7557

■ 107.3799,
-46.2912, 21.1895

■ 38.7345, -28.6798,
12.1820

■ 120.8900,
-48.9125, 22.6430

■ 29.7017, -25.1636,
10.5438

■ 134.9236,
-51.4826, 24.0951

■ 21.5063, -21.3137,
8.8082

149.4617,
-54.0095, 25.5481

■ 14.2446, -17.2204,
7.0081

164.4874,

■ 7.9012, -13.8271,

-56.4996, 27.0040

5.5308

179.9855,
-58.9585, 28.4642

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.2143, -38.0069,
16.7850

■ 70.2143, -38.0069,
16.7850

■ 69.2214, -42.4585,
19.4130

■ 71.4265, -32.7505,
14.1661

■ 68.4359, -46.0898,
22.0122

■ 72.8572, -26.7221,
11.5877

■ 67.8470, -48.9167,
24.5462

■ 74.5082, -19.9754,
9.0804

■ 67.4365, -50.9879,
26.9776

■ 76.3767, -12.5752,
6.6698


■ 67.1742, -52.3975,


■ 78.4578, -4.5929,


29.1492

4.3766

 80.7447, 3.8974,
2.2164

 83.2292, 12.8234,
0.2002

 84.5483, 17.7954,
-3.4563

 84.9127, 19.6917,
-8.6088

Harmonies

Analogous

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



70.2157, -27.4614, 28.0977



70.2143, -38.0069, 16.7850



70.2157, -39.9664, -2.0747

Triad

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



70.2157, -38.0078, 16.7857



70.2157, 2.2971, -46.9145



70.2157, 31.4928, 24.0002

Complementary

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



70.2143, -38.0069, 16.7850



49.9587, 41.3388, -4.7761

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.



70.2157, 41.7217, 9.2479



70.2143, -38.0069, 16.7850



70.2157, 23.5955, -34.2924

Square

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



70.2157, -38.0078, 16.7857



70.2157, -18.2976, -43.0826



70.2157, 38.6708, -12.2098



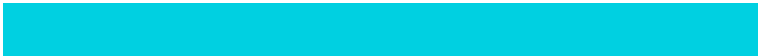
70.2157, 12.0872, 31.3120

Rectangle

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



70.2143, -38.0069, 16.7850



70.2157, -36.3925, -17.3715



70.2157, 38.6708, -12.2098



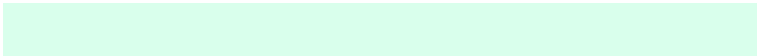
70.2157, 36.2180, 19.9555

Sweetspot

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



70.2157, -38.0078, 16.7857



96.0637, -20.5319, 9.9148



72.2118, -32.1175, 33.6129



44.2107, -10.4234, 4.8911

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.2157, -38.0078, 16.7857



87.9666, -54.6884, 25.1332



71.6533, -29.5246, -3.7752



35.5373, -5.4412, 2.9752



52.7297, -41.0006, 22.6010



12.0404, -8.9179, 4.2018

Inverse Universe

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



49.9587, 41.3388, -4.7761



57.8382, 64.5212, -5.9913



48.6000, 35.0206, 14.6686



33.6239, 1.9024, 0.8533



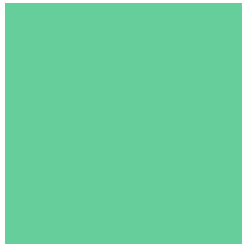
29.5002, 52.6305, 2.7019



6.8138, 12.3652, -0.9947

Previews

White Background



This preview shows how the HunterLab color 70.2143, -38.0069, 16.7850 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 70.2143, -38.0069, 16.7850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

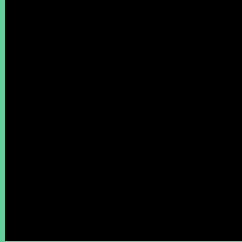
Any Text WCAG AA ✓ Pass

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 70.2143, -38.0069, 16.7850 Background



This preview shows how black text looks on a background with the HunterLab color 70.2143, -38.0069, 16.7850.



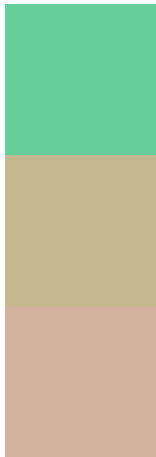
This preview shows how white text looks on a background with the HunterLab color 70.2143,

-38.0069, 16.7850.

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

70.2143, -38.0069, 16.7850

Protanopia

69.7007, -5.6861, 20.4052

Deuteranopia

69.5528, 5.1060, 14.5971



Tritanopia

70.0677, -21.2190, -11.0288

Trichromacy



Original Color

70.2143, -38.0069, 16.7850



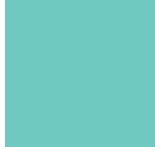
Protanomaly

69.2527, -19.8559, 18.3392



Deuteranomaly

68.7064, -13.2812, 14.1897



Tritanomaly

70.0170, -27.9906, 0.4252

Monochromacy



Original Color

70.2143, -38.0069, 16.7850



Achromatopsia

62.9885, -3.3609, 3.4223



Achromatomaly

64.9276, -17.1099, 7.6362

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2143, -38.0069, 16.7850 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(102, 206, 154)` looks like.

```
.text, #text, p{  
    color:rgb(102, 206, 154)  
}
```

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(102, 206, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 206, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2143, -38.0069, 16.7850 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(102, 206, 154) }
```


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

```
.border{ border-color:rgb(102, 206, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 206, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 206, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 206, 154);  
box-shadow:4px 4px 4px 4px rgb(102, 206,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2143, -38.0069, 16.7850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 206, 154) }
```

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

```
.background{ background-color: rgb(102,  
206, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor