

Converting Colors

HunterLab(70.6651, -37.8418,
11.7506)

Have a look what the booklet for
HunterLab(70.6651, -37.8418,
11.7506) contains.

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Color

**HunterLab(70.5549,
-37.7189, 11.6843)**

Conversions

Conversions Part 1

Format	Color
Hex	5DCFA8
RGB	93, 207, 168
RGB Percent	36%, 81%, 66%
CMY	0.6353, 0.1882, 0.3412
CMYK	0.55, 0.00, 0.19, 0.19
HSL	159°, 54%, 59%
HSV	159°, 55%, 81%
XYZ	33.8949, 49.7799, 44.8678
YIQ	168.4680, -55.4250, -36.2970

Conversions

Conversions Part 2

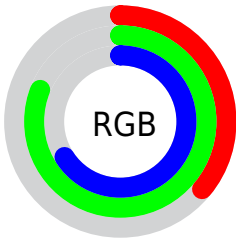
Format	Color
RYB	93, 162, 207
Decimal	6148008
CIELab	75.94, -41.70, 9.68
CIElCh	76, 42.806, 166.932
Yxy	49.7819, 0.2637, 0.3873
Android (android.graphics.Color)	4284338088 (0xFF5DCFA8)
YUV	168.4680, -0.2307, -66.1854
Hunter-Lab	70.5549, -37.7189, 11.6843

Details

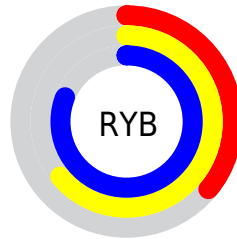
The HunterLab color **70.5549, -37.7189, 11.6843** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **47.7088, 43.0192, 3.0198**, and the grayscale version is **62.7875, -3.3502, 3.4114**.

A 20% lighter version of the original color is **91.3384, -38.9866, 10.2831**, and **48.8754, -31.8033, 9.5162** is the 20% darker color. If you saturate the color by 10%, you get **69.7045, -41.4844, 13.5765**, and if you desaturate by 10%, it is **71.6124, -33.1940, 9.9318**.

Distribution



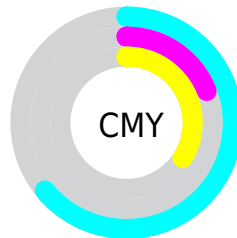
- Red (36%)
- Green (81%)
- Blue (66%)



- Red (36%)
- Yellow (64%)
- Blue (81%)



- Cyan (55%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)



- Cyan (64%)
- Magenta (19%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.5549, -37.7189, 11.6843 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 70.5549, -37.7189, 11.6843 by changing the saturation by 10% instead.

■ 70.5549, -37.7189,
11.6843

■ 70.5549, -37.7189,
11.6843

196.4211,
-60.8728, 22.0707

■ 59.3634, -34.7981,
10.5807

■ 94.7901, -43.2592,
13.9122

■ 48.8343, -31.7405,
9.4777

■ 107.7722,
-45.9136, 15.0397

■ 39.0139, -28.5072,
8.3700

■ 121.2981,
-48.5087, 16.1786

■ 29.9575, -25.0398,
7.2484

■ 135.3469,
-51.0539, 17.3298

■ 21.7361, -21.2475,
6.0976

149.8997,
-53.5571, 18.4941

■ 14.4450, -17.1374,
4.8901

164.9396,

■ 8.1060, -14.1854,

-56.0246, 19.6721

5.3905

180.4514,
-58.4617, 20.8642

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.5549, -37.7189,
11.6843

■ 70.5549, -37.7189,
11.6843

■ 69.7045, -41.4844,
13.5765

■ 71.6124, -33.1940,
9.9318

■ 69.0468, -44.4943,
15.5764

■ 72.8788, -27.9252,
8.3415

■ 68.5683, -46.7832,
17.6507

■ 74.3580, -21.9494,
6.9342

■ 68.2474, -48.4200,
19.7610


■ 76.0495, -15.3171,
5.7241

■ 68.1250, -49.0747,


■ 77.9503, -8.0883,


20.7879

4.7205

 80.0552, -0.3282,
3.9274

 82.3577, 7.8965,
3.3447

 84.4423, 15.2005,
2.4546

 84.6752, 16.4203,
-0.8570

Harmonies

Analogous

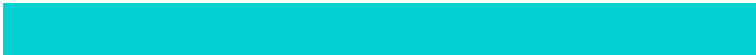
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.5563, -29.9306, 24.6783



70.5549, -37.7189, 11.6843



70.5563, -37.1763, -7.7744

Triad

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



70.5563, -37.7196, 11.6851



70.5563, 7.8887, -41.3676



70.5563, 24.7234, 25.8305

Complementary

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



70.5549, -37.7189, 11.6843



47.7088, 43.0192, 3.0198

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.



70.5563, 37.3094, 13.7649



70.5549, -37.7189, 11.6843



70.5563, 26.8666, -26.2911

Square

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



70.5563, -37.7196, 11.6851



70.5563, -12.3270, -42.3914



70.5563, 38.1351, -5.0228



70.5563, 5.2185, 31.1601

Rectangle

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



70.5549, -37.7189, 11.6843



70.5563, -32.1766, -22.1256



70.5563, 38.1351, -5.0228



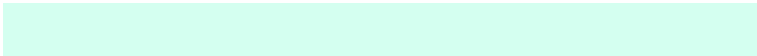
70.5563, 29.9946, 22.6106

Sweetspot

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



70.5563, -37.7196, 11.6851



95.7948, -21.2482, 7.5516



70.9904, -38.8756, 34.4137



44.1130, -10.6342, 3.6334

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.5563, -37.7196, 11.6851



88.0809, -53.2420, 17.6154



66.0436, -23.2231, -12.7078



36.5178, -5.3507, 2.4301



54.0904, -38.8482, 16.2537



12.8471, -8.8378, 3.0205

Inverse Universe

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



47.7088, 43.0192, 3.0198



54.8179, 65.8361, 6.2720



50.2299, 30.4208, 19.2593



34.4587, 1.7201, 1.5208



29.4262, 51.4169, 11.0796



7.0633, 12.5435, 1.0969

Previews

White Background



This preview shows how the HunterLab color 70.5549, -37.7189, 11.6843 looks on a white background.

Color Contrast Check

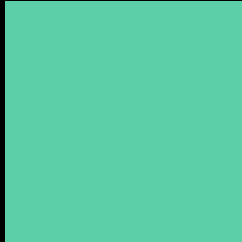
Large Text (above 18pt) WCAG AA × Fail

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 70.5549, -37.7189, 11.6843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

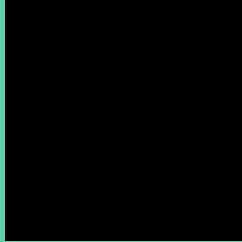
Any Text WCAG AA ✓ Pass

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 70.5549, -37.7189, 11.6843 Background



This preview shows how black text looks on a background with the HunterLab color 70.5549, -37.7189, 11.6843.



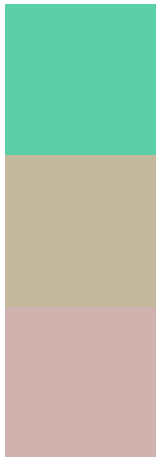
This preview shows how white text looks on a background with the HunterLab color 70.5549,

-37.7189, 11.6843.

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

70.5549, -37.7189, 11.6843

Protanopia

69.9057, -4.3666, 15.9448

Deuteranopia

69.7897, 5.1702, 9.0748



Tritanopia

70.3608, -23.2705, -12.3681

Trichromacy



Original Color

70.5549, -37.7189, 11.6843



Protanomaly

69.3427, -18.8949, 13.5678



Deuteranomaly

68.9063, -13.4183, 8.6419



Tritanomaly

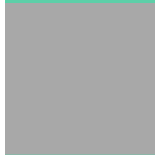
70.5117, -29.0763, -2.4938

Monochromacy



Original Color

70.5549, -37.7189, 11.6843



Achromatopsia

62.5758, -3.3389, 3.3999



Achromatomaly

64.7656, -17.4818, 5.6884

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.5549, -37.7189, 11.6843 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(93, 207, 168)` looks like.

```
.text, #text, p{  
    color:rgb(93, 207, 168)  
}
```

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(93, 207, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 207, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 70.5549, -37.7189, 11.6843 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(93, 207, 168) }
```


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

```
.border{ border-color:rgb(93, 207, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 207, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 207, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 207, 168);  
box-shadow:4px 4px 4px 4px rgb(93, 207,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.5549, -37.7189, 11.6843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 207, 168) }
```

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

```
.background{ background-color: rgb(93, 207,  
168) }
```

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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