

# Converting Colors

HunterLab(75.4847, -38.3708,  
12.3120)

Have a look what the booklet for  
HunterLab(75.4847, -38.3708,  
12.3120) contains.

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# Color

**HunterLab(75.5684,  
-38.5815, 12.4285)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CDBB3
RGB	108, 219, 179
RGB Percent	42%, 86%, 70%
CMY	0.5765, 0.1412, 0.2980
CMYK	0.51, 0.00, 0.18, 0.14
HSL	158°, 61%, 64%
HSV	158°, 51%, 86%
XYZ	39.6525, 57.1058, 51.5805
YIQ	181.2510, -53.3160, -35.9720

# Conversions

## Conversions Part 2

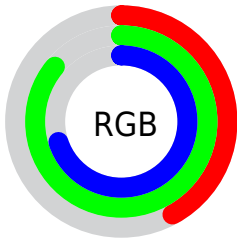
Format	Color
<a href="#">RYB</a>	<a href="#">108, 176, 219</a>
Decimal	<a href="#">7134131</a>
CIELab	<a href="#">80.24, -41.22, 10.02</a>
CIElCh	<a href="#">80, 42.419, 166.335</a>
Yxy	<a href="#">57.1081, 0.2673, 0.3850</a>
Android (android.graphics.Color)	<a href="#">4285324211 (0xFF6CDBB3)</a>
YUV	<a href="#">181.2510, -1.1097, -64.2411</a>
Hunter-Lab	<a href="#">75.5684, -38.5815, 12.4285</a>

# Details

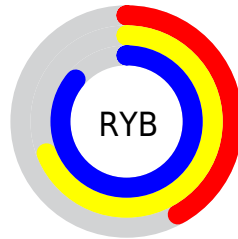
The HunterLab color  $75.5684, -38.5815, 12.4285$  is a light color, and the websafe version is hex  $66CC99$ . A complement of this color would be  $52.8439, 42.3787, 1.8670$ , and the grayscale version is  $68.1032, -3.6338, 3.7002$ .

A 20% lighter version of the original color is  $92.5339, -33.6903, 6.0688$ , and  $53.1804, -32.6830, 10.1910$  is the 20% darker color. If you saturate the color by 10%, you get  $74.5606, -43.0012, 14.5103$ , and if you desaturate by 10%, it is  $76.8027, -33.3467, 10.4939$ .

# Distribution



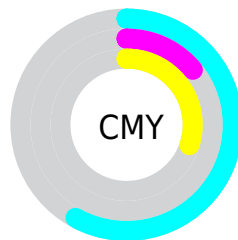
- Red (42%)
- Green (86%)
- Blue (70%)



- Red (42%)
- Yellow (69%)
- Blue (86%)



- Cyan (51%)
- Magenta (0%)
- Yellow (18%)
- Black (14%)




- Cyan (58%)
- Magenta (14%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.5684, -38.5815, 12.4285 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 75.5684, -38.5815, 12.4285 by changing the saturation by 10% instead.





 75.5684, -38.5815,  
12.4285


 75.5684, -38.5815,  
12.4285


203.4341,  
-61.3471, 22.9896


 64.1031, -35.7383,  
11.3052


 100.3110,  
-43.9986, 14.6966

 53.2832, -32.7734,  
10.1829


 113.5299,  
-46.6027, 15.8441

 43.1516, -29.6542,  
9.0573


 127.2834,  
-49.1528, 17.0027

 33.7587, -26.3324,  
7.9202

141.5513,  
-51.6576, 18.1734

 25.1678, -22.7344,  
6.7589

156.3158,  
-54.1242, 19.3570

 17.4623, -18.7409,  
5.5511

171.5607,

 10.7589, -17.6448,

-56.5582, 20.5540

4.5898

187.2712,  
-58.9645, 21.7647

■ 1.6313, -2.8547,  
1.1419

0.0000, NaN, NaN

■ 75.5684, -38.5815,  
12.4285

■ 75.5684, -38.5815,  
12.4285

■ 74.5606, -43.0012,  
14.5103

■ 76.8027, -33.3467,  
10.4939

■ 73.7658, -46.5976,  
16.7058


■ 78.2637, -27.3235,  
8.7301


■ 73.1718, -49.3939,  
18.9802

■ 79.9539, -20.5601,  
7.1582


■ 72.7586, -51.4472,  
21.2937


■ 81.8716, -13.1169,  
5.7930


 72.4989, -52.8324,  
23.4327

 84.0122, -5.0626,  
4.6436

 86.3695, 3.5305,  
3.7138

 88.2496, 10.3293,  
2.1363

 88.5123, 11.7220,  
-1.5986

 88.7858, 13.1674,  
-5.4746

# Harmonies

## Analogous

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



75.5699, -30.4352, 25.6546



75.5684, -38.5815, 12.4285



75.5699, -38.1970, -7.1842

# Triad

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



75.5699, -38.5823, 12.4293



75.5699, 7.3469, -41.3189



75.5699, 25.0817, 26.4821

# Complementary

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



75.5684, -38.5815, 12.4285



52.8439, 42.3787, 1.8670

# 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.



75.5699, 37.5318, 13.8980



75.5684, -38.5815, 12.4285



75.5699, 26.5718, -26.5467

# Square

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



75.5699, -38.5823, 12.4293



75.5699, -13.1053, -42.0204



75.5699, 38.1045, -5.2700



75.5699, 5.4817, 32.1858



# Rectangle

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



75.5684, -38.5815, 12.4285



75.5699, -33.1817, -21.5821



75.5699, 38.1045, -5.2700



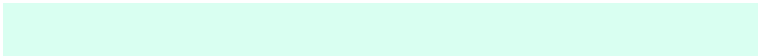
75.5699, 30.3290, 23.0935

# Sweetspot

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



75.5699, -38.5823, 12.4293



96.2274, -19.6092, 7.5725



76.2296, -38.8479, 35.2569



44.2964, -9.9385, 3.6642

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.5699, -38.5823, 12.4293



88.4980, -51.4861, 17.4540



71.8232, -24.7569, -11.5017



38.4002, -5.6771, 2.6359



55.8449, -40.5627, 17.7619



14.2712, -9.9738, 3.6929



# Inverse Universe

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



52.8439, 42.3787, 1.8670



57.1426, 61.5102, 3.8803



55.0096, 30.2191, 19.1335



36.2335, 1.8607, 1.5184



30.4682, 53.3369, 10.7019

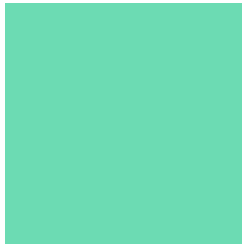


7.8586, 13.9549, 1.2262



# Previews

## White Background



This preview shows how the HunterLab color 75.5684, -38.5815, 12.4285 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

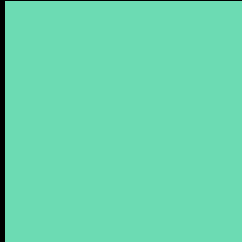
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.5684, -38.5815, 12.4285 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

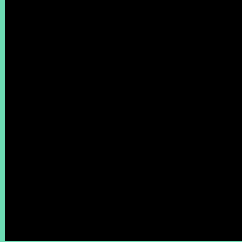
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

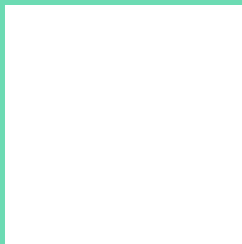
Any Text WCAG AAA ✓ Pass

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

## HunterLab 75.5684, -38.5815, 12.4285 Background



This preview shows how black text looks on a background with the HunterLab color 75.5684, -38.5815, 12.4285.



This preview shows how white text looks on a background with the HunterLab color 75.5684,

-38.5815, 12.4285.

# 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

75.5684, -38.5815, 12.4285

### Protanopia

74.9464, -4.8149, 16.7904

### Deuteranopia

75.0293, 5.5237, 10.0589



## Tritanopia

75.4686, -23.6134, -12.1474

# Trichromacy



## Original Color

75.5684, -38.5815, 12.4285



## Protanomaly

74.4391, -19.2659, 14.4450



## Deuteranomaly

74.1727, -13.1091, 9.6647



## Tritanomaly

75.6013, -29.5260, -2.2632

# Monochromacy



## Original Color

75.5684, -38.5815, 12.4285



## Achromatopsia

67.9762, -3.6270, 3.6933



## Achromatomaly

70.1395, -18.1992, 6.4003

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.5684, -38.5815, 12.4285 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(108, 219, 179)` looks like.

```
.text, #text, p{  
    color:rgb(108, 219, 179)  
}
```

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(108, 219, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 219, 179) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.5684, -38.5815, 12.4285 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(108, 219, 179) }
```



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

```
.border{ border-color:rgb(108, 219, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 219, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 219, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 219, 179); box-shadow:4px 4px 4px 4px rgb(108, 219, 179) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.5684, -38.5815, 12.4285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 219, 179) }
```

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

```
.background{ background-color: rgb(108,  
219, 179) }
```

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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