

# Converting Colors

HunterLab(72.8720, -38.1441,  
6.1646)

Have a look what the booklet for  
HunterLab(72.8720, -38.1441,  
6.1646) contains.

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# Color

**HunterLab(72.8750,  
-38.1032, 5.9885)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55D5BB
RGB	85, 213, 187
RGB Percent	33%, 84%, 73%
CMY	0.6666, 0.1647, 0.2667
CMYK	0.60, 0.00, 0.12, 0.16
HSL	168°, 60%, 58%
HSV	168°, 60%, 84%
XYZ	36.5102, 53.1077, 55.3403
YIQ	171.7640, -67.9420, -35.2220

# Conversions

## Conversions Part 2

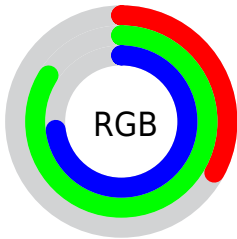
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 156, 213
Decimal	5625275
CIELab	77.94, -41.44, 2.36
CIELCh	78, 41.510, 176.748
Yxy	53.1097, 0.2519, 0.3664
Android (android.graphics.Color)	4283815355 (0xFF55D5BB)
YUV	171.7640, 7.5113, -76.0920
Hunter-Lab	72.8750, -38.1032, 5.9885

# Details

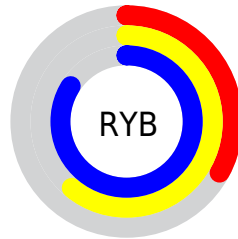
The HunterLab color **72.8750, -38.1032, 5.9885** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **46.6821, 46.6309, 10.4787**, and the grayscale version is **64.1233, -3.4215, 3.4839**.

A 20% lighter version of the original color is **91.7072, -36.3225, 1.0531**, and **51.1615, -31.8604, 4.8300** is the 20% darker color. If you saturate the color by 10%, you get **72.1635, -41.1869, 7.0837**, and if you desaturate by 10%, it is **73.7897, -34.2683, 5.1118**.

# Distribution



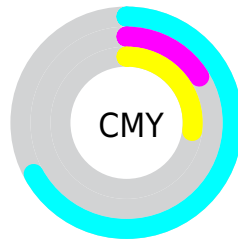
- Red (33%)
- Green (84%)
- Blue (73%)



- Red (33%)
- Yellow (61%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)




- Cyan (67%)
- Magenta (16%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.8750, -38.1032, 5.9885 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 72.8750, -38.1032, 5.9885 by changing the saturation by 10% instead.





 72.8750, -38.1032,  
5.9885


 72.8750, -38.1032,  
5.9885


199.6762,  
-61.0604, 13.7193

 61.5552, -35.2210,  
5.2591


 97.3477, -43.5814,  
7.5320


 50.8897, -32.2096,  
4.5573


 110.4406,  
-46.2105, 8.3429

 40.9232, -29.0331,  
3.8847


 124.0730,  
-48.7828, 9.1792

 31.7085, -25.6382,  
3.2420

 138.2242,  
-51.3076, 10.0402

 23.3131, -21.9426,  
2.6294

152.8759,  
-53.7921, 10.9253

 15.8262, -17.8107,  
2.0460

168.0116,

 9.3754, -16.4069,

-56.2426, 11.8339

1.5516

183.6163,  
-58.6639, 12.7654

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.8750, -38.1032,  
5.9885

■ 72.8750, -38.1032,  
5.9885

■ 72.1635, -41.1869,  
7.0837

■ 73.7897, -34.2683,  
5.1118

■ 71.6376, -43.5444,  
8.3690

■ 74.9125, -29.6795,  
4.4701

■ 71.2795, -45.2334,  
9.8126


■ 76.2498, -24.3571,  
4.0771


■ 71.0510, -46.3942,  
11.3441


■ 77.8035, -18.3386,  
3.9393


■ 79.5725, -11.6741,

4.0574

 81.5535, -4.4221,  
4.4274

 83.7411, 3.3540,  
5.0411

 86.0835, 11.4420,  
5.8319

 86.2196, 12.1617,  
3.8901

# Harmonies

## Analogous

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



72.8764, -33.0437, 21.1446



72.8750, -38.1032, 5.9885



72.8764, -34.8355, -14.2632

# Triad

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



72.8764, -38.1037, 5.9894



72.8764, 14.0233, -36.2923



72.8764, 18.1521, 28.1967

# Complementary

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



72.8750, -38.1032, 5.9885



46.6821, 46.6309, 10.4787

# 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.



72.8764, 33.2680, 18.4412



72.8750, -38.1032, 5.9885



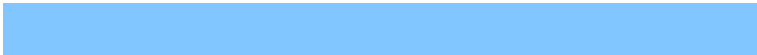
72.8764, 30.7112, -18.7856

# Square

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



72.8764, -38.1037, 5.9894



72.8764, -6.0372, -42.1768



72.8764, 38.0903, 1.8847



72.8764, -1.7225, 31.6287



# Rectangle

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



72.8750, -38.1032, 5.9885



72.8764, -28.1607, -27.6034



72.8764, 38.0903, 1.8847



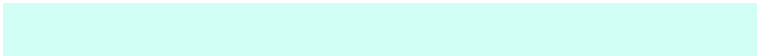
72.8764, 24.0364, 25.7011

# Sweetspot

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



72.8764, -38.1037, 5.9894



95.7726, -20.9820, 4.8326



71.9302, -45.9431, 36.4339



44.0301, -10.7708, 2.2355

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.8764, -38.1037, 5.9894



88.2730, -51.3406, 9.0798



61.7060, -17.0731, -22.7642



37.5002, -5.2733, 1.9171



55.5435, -36.1772, 8.6716



13.6820, -8.6362, 1.5418



# Inverse Universe

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



46.6821, 46.6309, 10.4787



51.8798, 68.3842, 16.7284



53.4259, 26.6223, 23.8482



35.3011, 1.5578, 2.1359



29.5985, 51.0924, 15.9932

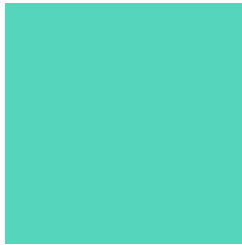


7.3518, 12.8527, 2.7158



# Previews

## White Background



This preview shows how the HunterLab color 72.8750, -38.1032, 5.9885 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

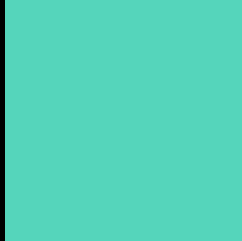
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.8750, -38.1032, 5.9885 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

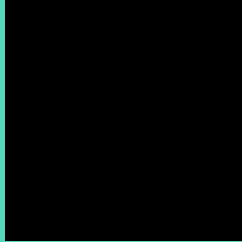
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

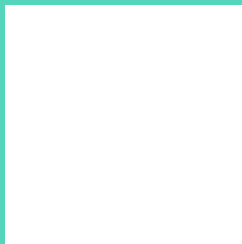
Any Text WCAG AAA ✓ Pass

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

## HunterLab 72.8750, -38.1032, 5.9885 Background



This preview shows how black text looks on a background with the HunterLab color 72.8750, -38.1032, 5.9885.



This preview shows how white text looks on a background with the HunterLab color 72.8750,

-38.1032, 5.9885.

# 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

72.8750, -38.1032, 5.9885

### Protanopia

72.4561, -3.8127, 11.3927

### Deuteranopia

72.1827, 5.4088, 3.1327



## Tritanopia

72.9015, -26.8066, -12.9018

# Trichromacy



## Original Color

72.8750, -38.1032, 5.9885



## Protanomaly

71.6733, -19.1833, 8.5495



## Deuteranomaly

71.1929, -13.6937, 2.5797



## Tritanomaly

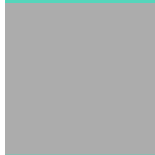
72.9219, -31.1187, -5.7180

# Monochromacy



## Original Color

72.8750, -38.1032, 5.9885



## Achromatopsia

64.2295, -3.4271, 3.4897



## Achromatomaly

66.5510, -18.5085, 3.6277

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.8750, -38.1032, 5.9885 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(85, 213, 187)` looks like.

```
.text, #text, p{  
    color:rgb(85, 213, 187)  
}
```

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(85, 213, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 213, 187) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.8750, -38.1032, 5.9885 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(85, 213, 187) }
```



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

```
.border{ border-color:rgb(85, 213, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 213, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 213, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 213, 187);  
box-shadow:4px 4px 4px 4px rgb(85, 213,  
187) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.8750, -38.1032, 5.9885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 213, 187) }
```

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

```
.background{ background-color: rgb(85, 213,  
187) }
```

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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