

# Converting Colors

HunterLab(75.0396, -39.8904,  
8.8051)

Have a look what the booklet for  
HunterLab(75.0396, -39.8904,  
8.8051) contains.

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# Color

**HunterLab(75.1215,  
-39.9598, 8.9256)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5BDBBA                       |
| RGB         | 91, 219, 186                 |
| RGB Percent | 36%, 86%, 73%                |
| CMY         | 0.6431, 0.1412, 0.2706       |
| CMYK        | 0.58, 0.00, 0.15, 0.14       |
| HSL         | 165°, 64%, 61%               |
| HSV         | 165°, 58%, 86%               |
| XYZ         | 38.5088, 56.4324, 55.3173    |
| YIQ         | 176.9660, -65.6950, -37.3990 |

# Conversions

## Conversions Part 2

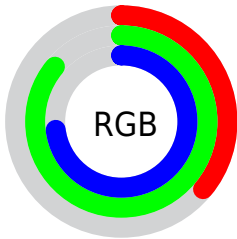
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 91, 164, 219                  |
| Decimal                             | 6020026                       |
| CIE <sub>Lab</sub>                  | 79.86, -43.21, 5.69           |
| CIE <sub>LCh</sub>                  | 80, 43.581, 172.500           |
| Yxy                                 | 56.4346, 0.2563,<br>0.3756    |
| Android<br>(android.graphics.Color) | 4284210106<br>(0xFF5BDBBA)    |
| YUV                                 | 176.9660, 4.4538,<br>-75.3922 |
| Hunter-Lab                          | 75.1215, -39.9598,<br>8.9256  |

# Details

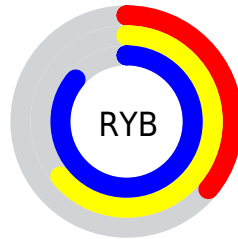
The HunterLab color **75.1215, -39.9598, 8.9256** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **48.9887, 47.6089, 7.9390**, and the grayscale version is **66.2957, -3.5374, 3.6020**.

A 20% lighter version of the original color is **91.9294, -35.5401, 1.8455**, and **52.8150, -33.8107, 7.0417** is the 20% darker color. If you saturate the color by 10%, you get **74.3262, -43.4493, 10.4425**, and if you desaturate by 10%, it is **76.1312, -35.6791, 7.6085**.

# Distribution



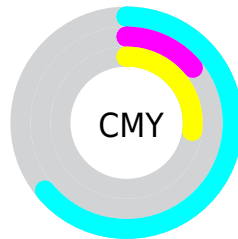
- Red (36%)
- Green (86%)
- Blue (73%)



- Red (36%)
- Yellow (64%)
- Blue (86%)



- Cyan (58%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)




- Cyan (64%)
- Magenta (14%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.1215, -39.9598, 8.9256 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 75.1215, -39.9598, 8.9256 by changing the saturation by 10% instead.





 75.1215, -39.9598,  
8.9256


 75.1215, -39.9598,  
8.9256


202.8121,  
-63.5578, 17.8894


 63.6801, -36.9957,  
8.0258


 99.8197, -45.5950,  
10.7835


 52.8855, -33.9003,  
7.1425


 113.0179,  
-48.2990, 11.7408

 42.7810, -30.6382,  
6.2750


 126.7515,  
-50.9442, 12.7174

 33.4172, -27.1573,  
5.4203

 141.0002,  
-53.5397, 13.7135

 24.8583, -23.3786,  
4.5736

155.7461,  
-56.0931, 14.7288

 17.1885, -19.1741,  
3.7253

170.9730,

 10.5261, -18.4208,

-58.6107, 15.7634

2.9136

186.6662,  
-61.0974, 16.8170

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.1215, -39.9598,  
8.9256

■ 75.1215, -39.9598,  
8.9256

■ 74.3262, -43.4493,  
10.4425

■ 76.1312, -35.6791,  
7.6085

■ 73.7278, -46.1663,  
12.1278

■ 77.3592, -30.6110,  
6.5115

■ 73.3093, -48.1634,  
13.9470

■ 78.8115, -24.7834,  
5.6520

■ 73.0385, -49.5552,  
15.8518


■ 80.4891, -18.2405,  
5.0402

■ 73.0019, -49.7484,


■ 82.3901, -11.0390,


16.1464

4.6806

 84.5103, -3.2434,  
4.5725

 86.8436, 5.0783,  
4.7104

 88.1501, 9.8011,  
3.5528

 88.3340, 10.7774,  
0.9345

# Harmonies

## Analogous

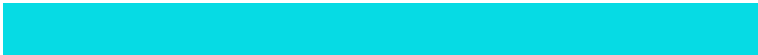
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1230, -33.4044, 23.8952



75.1215, -39.9598, 8.9256



75.1230, -37.7584, -12.1228

# Triad

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



75.1230, -39.9604, 8.9265



75.1230, 12.0516, -40.6896



75.1230, 22.1483, 28.6018

# Complementary

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



75.1215, -39.9598, 8.9256



48.9887, 47.6089, 7.9390

# 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.



75.1230, 36.9949, 17.3384



75.1215, -39.9598, 8.9256



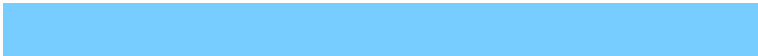
75.1230, 30.7340, -23.2146

# Square

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



75.1230, -39.9604, 8.9265



75.1230, -9.2045, -44.7558



75.1230, 40.2978, -1.0929



75.1230, 1.3246, 33.0474

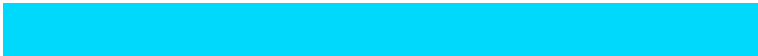


# Rectangle

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



75.1215, -39.9598, 8.9256



75.1230, -31.4936, -26.7197



75.1230, 40.2978, -1.0929



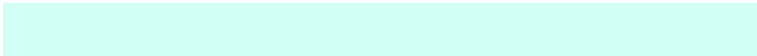
75.1230, 28.0931, 25.6640

# Sweetspot

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



75.1230, -39.9604, 8.9265



95.6927, -21.4328, 5.9716



74.6932, -45.4016, 37.3735



43.9873, -11.0135, 2.8459

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.1230, -39.9604, 8.9265



88.1359, -52.3941, 12.8225



66.1765, -20.5159, -19.6276



38.4308, -5.5069, 2.1999



56.2295, -38.2057, 12.1931



14.3599, -9.4329, 2.4143



# Inverse Universe

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



48.9887, 47.6089, 7.9390



52.8358, 67.6880, 12.8896



54.2765, 29.7397, 23.1528



36.2027, 1.6950, 1.9580



30.1946, 52.3292, 14.7048



7.7760, 13.6528, 2.4188



# Previews

## White Background



This preview shows how the HunterLab color 75.1215, -39.9598, 8.9256 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

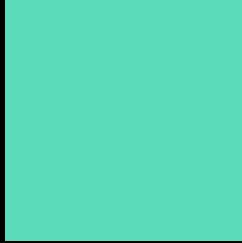
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.1215, -39.9598, 8.9256 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

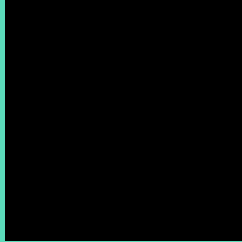
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

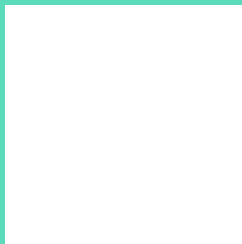
Any Text WCAG AAA ✓ Pass

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

## HunterLab 75.1215, -39.9598, 8.9256 Background



This preview shows how black text looks on a background with the HunterLab color 75.1215, -39.9598, 8.9256.



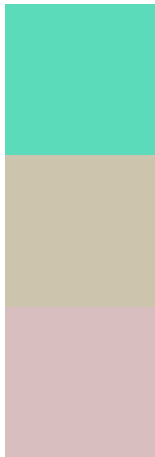
This preview shows how white text looks on a background with the HunterLab color 75.1215, -39.9598, 8.9256.

-39.9598, 8.9256.

# 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

75.1215, -39.9598, 8.9256

### Protanopia

74.5084, -4.4793, 13.9680

### Deuteranopia

74.4207, 5.3840, 6.2218



## Tritanopia

75.1182, -26.5676, -13.2661

# Trichromacy



## Original Color

75.1215, -39.9598, 8.9256



## Protanomaly

73.6835, -20.0814, 11.1601



## Deuteranomaly

73.5860, -14.8253, 5.8327



## Tritanomaly

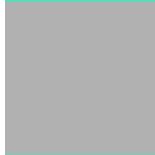
74.9817, -31.6982, -4.6562

# Monochromacy



## Original Color

75.1215, -39.9598, 8.9256



## Achromatopsia

66.3066, -3.5380, 3.6026



## Achromatomaly

68.6335, -18.8296, 4.6603

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.1215, -39.9598, 8.9256 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(91, 219, 186)` looks like.

```
.text, #text, p{  
    color:rgb(91, 219, 186)  
}
```

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(91, 219, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 219, 186) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.1215, -39.9598, 8.9256 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(91, 219, 186) }
```



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

```
.border{ border-color:rgb(91, 219, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 219, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 219, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 219, 186);  
box-shadow:4px 4px 4px 4px rgb(91, 219,  
186) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.1215, -39.9598, 8.9256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 219, 186) }
```

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

```
.background{ background-color: rgb(91, 219,  
186) }
```

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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