

# Converting Colors

HunterLab(64.3214, -44.9358,  
1.5392)

Have a look what the booklet for  
HunterLab(64.3214, -44.9358,  
1.5392) contains.

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# Color

**HunterLab(65.5955,  
-39.4029, 3.0710)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C5AF
RGB	0, 197, 175
RGB Percent	0%, 77%, 69%
CMY	0.9999, 0.2274, 0.3137
CMYK	1.00, 0.00, 0.11, 0.23
HSL	173°, 100%, 39%
HSV	173°, 100%, 77%
XYZ	27.7042, 43.0277, 47.4025
YIQ	135.5890, -110.3500, -48.6060

# Conversions

## Conversions Part 2

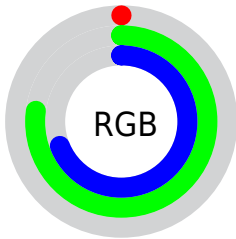
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 104, 197
Decimal	50607
CIELab	71.57, -45.96, -0.59
CIELCh	72, 45.960, 180.736
Yxy	43.0293, 0.2345, 0.3642
Android (android.graphics.Color)	4278240687 (0xFF00C5AF)
YUV	135.5890, 19.4296, -118.9116
Hunter-Lab	65.5955, -39.4029, 3.0710

# Details

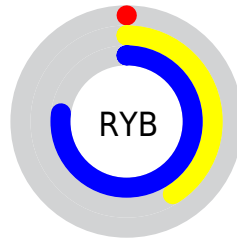
The HunterLab color **65.5955, -39.4029, 3.0710** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **34.5392, 59.3119, 21.0151**, and the grayscale version is **49.4173, -2.6368, 2.6849**.

A 20% lighter version of the original color is **89.1188, -45.3868, 4.3143**, and **45.5808, -27.8849, 3.2235** is the 20% darker color. If you saturate the color by 10%, you get **65.5965, -39.4045, 3.0732**, and if you desaturate by 10%, it is **65.7740, -38.5579, 2.2648**.

# Distribution



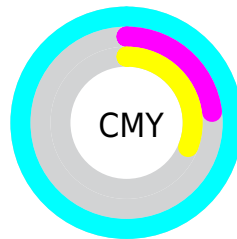
- Red (0%)
- Green (77%)
- Blue (69%)



- Red (0%)
- Yellow (41%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)




- Cyan (100%)
- Magenta (23%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.5955, -39.4029, 3.0710 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 65.5955, -39.4029, 3.0710 by changing the saturation by 10% instead.





 65.5955, -39.4029,  
3.0710

 65.5955, -39.4029,  
3.0710


189.4023,  
-64.5911, 9.6007


 54.6883, -36.1602,  
2.5071


 89.3057, -45.5028,  
4.3087


 44.4622, -32.7430,  
1.9815


 102.0434,  
-48.4062, 4.9771

 34.9673, -29.0990,  
1.4981


 115.3349,  
-51.2340, 5.6766

 26.2651, -25.1496,  
1.0608

 129.1581,  
-53.9984, 6.4061

 18.4357, -20.7695,  
0.6750

 143.4933,  
-56.7091, 7.1642

 11.5900, -18.8028,  
0.3486

158.3228,

 4.1755, -7.3071,

-59.3740, 7.9500

-0.3590

173.6306,  
-61.9995, 8.7624

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.5955, -39.4029,  
3.0710

■ 65.5955, -39.4029,  
3.0710

■ 65.5965, -39.4045,  
3.0732

■ 65.7740, -38.5579,  
2.2648

■ 66.0642, -37.2629,  
1.5894

■ 66.5048, -35.3766,  
1.0972

■ 67.1130, -32.8458,  
0.8135

■ 67.9013, -29.6436,

0.7564

■ 68.8780, -25.7649,  
0.9373

■ 70.0480, -21.2237,  
1.3613

■ 71.4136, -16.0495,  
2.0278

■ 72.9740, -10.2835,  
2.9312

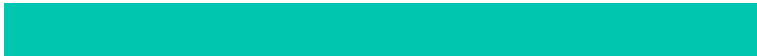
# Harmonies

## Analogous

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



65.5967, -35.3330, 19.8005



65.5955, -39.4029, 3.0710



65.5967, -34.9150, -19.4271

# Triad

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



65.5967, -39.4031, 3.0718



65.5967, 18.5921, -39.1217



65.5967, 17.5739, 29.1403

# Complementary

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



65.5955, -39.4029, 3.0710



34.5392, 59.3119, 21.0151

# 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.



65.5967, 35.2210, 20.4191



65.5955, -39.4029, 3.0710



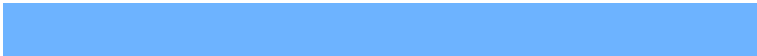
65.5967, 35.8593, -18.2846

# Square

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



65.5967, -39.4031, 3.0718



65.5967, -2.9804, -48.0588



65.5967, 42.2932, 4.0656



65.5967, -4.0251, 31.6626



# Rectangle

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



65.5955, -39.4029, 3.0710



65.5967, -27.2995, -33.9794



65.5967, 42.2932, 4.0656



65.5967, 24.2573, 27.0088

# Sweetspot

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



65.5967, -39.4031, 3.0718



93.6622, -28.7133, 1.7873



63.3374, -53.5716, 38.0894



43.0100, -14.5288, 0.6991

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



65.5967, -39.4031, 3.0718



87.7721, -52.8153, 4.3056



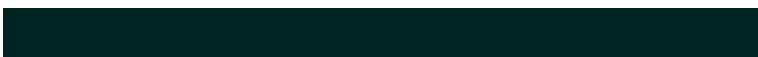
42.2230, -2.1193, -48.1971



34.7079, -4.7133, 1.4212



53.2061, -31.9134, 2.3888



11.6034, -6.7894, 0.1530



# Inverse Universe

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



34.5392, 59.3119, 21.0151



46.2019, 79.3087, 28.4088



41.2025, 38.7140, 26.0651



32.6433, 1.2812, 2.3177



28.0216, 48.1463, 16.8779

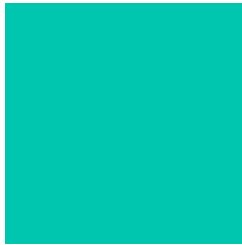


6.1517, 10.6770, 2.8739



# Previews

## White Background



This preview shows how the HunterLab color 65.5955, -39.4029, 3.0710 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 65.5955, -39.4029, 3.0710 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

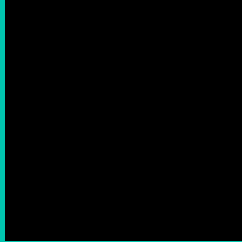
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

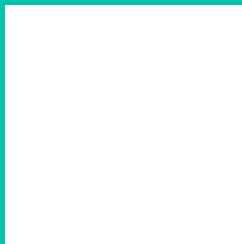
Any Text WCAG AAA ✓ Pass

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

## HunterLab 65.5955, -39.4029, 3.0710 Background



This preview shows how black text looks on a background with the HunterLab color 65.5955, -39.4029, 3.0710.



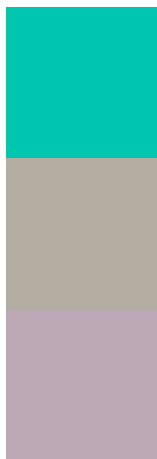
This preview shows how white text looks on a background with the HunterLab color 65.5955, -39.4029, 3.0710.

-39.4029, 3.0710.

# 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

65.5955, -39.4029, 3.0710

### Protanopia

64.9608, -2.9789, 8.7780

### Deuteranopia

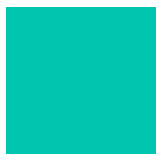
65.1180, 4.6475, 0.4032



## Tritanopia

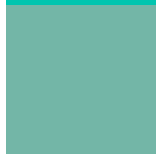
65.5417, -28.6366, -14.0973

# Trichromacy



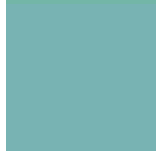
## Original Color

65.5955, -39.4029, 3.0710



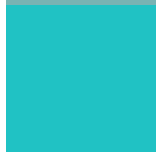
## Protanomaly

63.1591, -23.5573, 4.1864



## Deuteranomaly

62.8394, -19.0635, -1.8513



## Tritanomaly

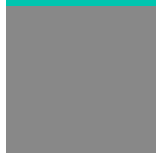
65.4799, -33.2145, -7.5208

# Monochromacy



## Original Color

65.5955, -39.4029, 3.0710



## Achromatopsia

49.6187, -2.6475, 2.6959



## Achromatomaly

53.5555, -21.5218, 0.6802

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.5955, -39.4029, 3.0710 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(0, 197, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 175)  
}
```

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(0, 197, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 175) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.5955, -39.4029, 3.0710 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(0, 197, 175) }
```



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

```
.border{ border-color:rgb(0, 197, 175) }
```

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

Here you see how a box with a 4 pixel rgb(0, 197, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
175) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.5955, -39.4029, 3.0710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 175) }
```

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

```
.background{ background-color: rgb(0, 197,  
175) }
```

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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