

# Converting Colors

HunterLab(62.9788, -42.6313,  
-22.2505)

Have a look what the booklet for  
HunterLab(62.9788, -42.6313,  
-22.2505) contains.

<b>HunterLab(65.9468, -29.9894, -17.6893)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(65.9468,  
-29.9894, -17.6893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C2D7
RGB	0, 194, 215
RGB Percent	0%, 76%, 84%
CMY	0.9998, 0.2392, 0.1569
CMYK	1.00, 0.10, 0.00, 0.16
HSL	186°, 100%, 42%
HSV	186°, 100%, 84%
XYZ	31.5575, 43.4898, 71.0211
YIQ	138.3880, -122.3650, -34.5970

# Conversions

## Conversions Part 2

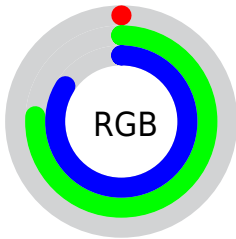
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 102, 215
Decimal	49879
CIELab	71.89, -32.59, -21.92
CIELCh	72, 39.280, 213.922
Yxy	43.4914, 0.2160, 0.2977
Android (android.graphics.Color)	4278239959 (0xFF00C2D7)
YUV	138.3880, 37.7697, -121.3663
Hunter-Lab	65.9468, -29.9894, -17.6893

# Details

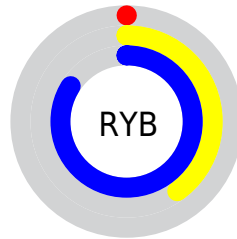
The HunterLab color **65.9468, -29.9894, -17.6893** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **38.7111, 62.7215, 24.9494**, and the grayscale version is **50.4640, -2.6926, 2.7418**.

A 20% lighter version of the original color is **89.0731, -38.4239, -8.7603**, and **46.1457, -19.9345, -14.6452** is the 20% darker color. If you saturate the color by 10%, you get **65.9461, -29.9881, -17.6911**, and if you desaturate by 10%, it is **66.7818, -30.4002, -16.4599**.

# Distribution



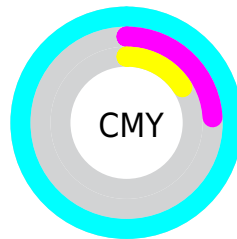
- Red (0%)
- Green (76%)
- Blue (84%)



- Red (0%)
- Yellow (40%)
- Blue (84%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (24%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.9468, -29.9894, -17.6893 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 65.9468, -29.9894, -17.6893 by changing the saturation by 10% instead.



65.9468, -29.9894,  
-17.6893

65.9468, -29.9894,  
-17.6893

189.9023,  
-49.5090, -17.8726

55.0189, -27.5723,  
-17.3923

89.6949, -34.5987,  
-18.0957

44.7708, -25.0515,  
-17.0325

102.4503,  
-36.8207, -18.2127

35.2523, -22.3931,  
-16.6105

115.7587,  
-39.0017, -18.2758

26.5242, -19.5458,  
-16.1360

129.5982,  
-41.1490, -18.2878

18.6660, -16.4263,  
-15.6412

143.9491,  
-43.2690, -18.2512

11.7875, -13.7361,  
-15.2321

158.7938,

4.5708, -7.9990,

-45.3663, -18.1684

-22.7291

174.1163,  
-47.4452, -18.0415

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 65.9468, -29.9894,  
-17.6893

■ 65.9468, -29.9894,  
-17.6893

■ 65.9461, -29.9881,  
-17.6911

■ 66.7818, -30.4002,  
-16.4599

■ 67.7512, -30.2912,  
-15.0441

■ 68.8943, -29.5175,  
-13.3926

■ 70.2269, -28.0287,  
-11.4956

■ 71.7582, -25.8053,

-9.3548

■ 73.4928, -22.8518,  
-6.9805

■ 75.4316, -19.1913,  
-4.3886

■ 77.5724, -14.8612,  
-1.5990

■ 79.9110, -9.9082,  
1.3667

# Harmonies

## Analogous

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



65.9480, -34.7769, 1.2850



65.9468, -29.9894, -17.6893



65.9480, -18.1355, -33.6091

# Triad

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



65.9480, -29.9892, -17.6883



65.9480, 30.7403, -12.6862



65.9480, -5.8858, 28.8146

# Complementary

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



65.9468, -29.9894, -17.6893



38.7111, 62.7215, 24.9494

# 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.



65.9480, 12.4856, 26.9408



65.9468, -29.9894, -17.6893



65.9480, 34.9161, 5.8141

# Square

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



65.9480, -29.9892, -17.6883



65.9480, 17.0460, -30.2168



65.9480, 27.9144, 19.5221



65.9480, -21.8429, 25.5771



# Rectangle

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



65.9468, -29.9894, -17.6893



65.9480, -7.1674, -38.5476



65.9480, 27.9144, 19.5221



65.9480, 0.2036, 28.7548

# Sweetspot

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



65.9480, -29.9892, -17.6883



91.4267, -23.4330, -5.4265



69.7462, -59.5832, 41.4491



41.8225, -11.7579, -3.1425

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



65.9480, -29.9892, -17.6883



79.9144, -36.2728, -21.5835



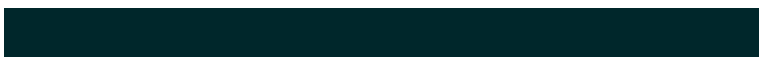
34.8626, 20.3499, -87.4994



37.2704, -4.4768, 0.7155



51.0866, -23.2997, -13.5564



12.7891, -6.0258, -2.9772



# Inverse Universe

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



42.8293, 82.4342, -42.8225



51.9405, 99.9584, -51.7751



54.0610, 22.3249, 33.7014



35.5117, 2.6879, -0.8612



33.1353, 63.8022, -33.2930



8.1758, 15.8023, -8.6778



# Previews

## White Background



This preview shows how the HunterLab color 65.9468, -29.9894, -17.6893 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

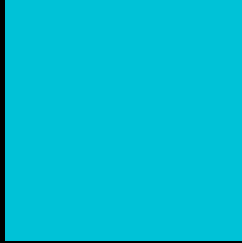
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 65.9468, -29.9894, -17.6893 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

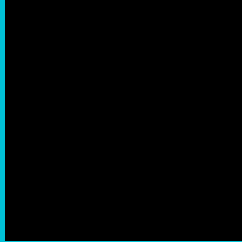
Any Text WCAG AA ✓ Pass

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 65.9468, -29.9894, -17.6893 Background



This preview shows how black text looks on a background with the HunterLab color 65.9468, -29.9894, -17.6893.



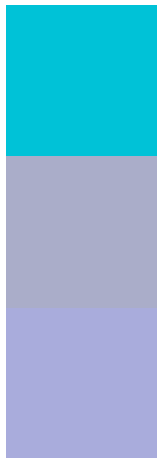
This preview shows how white text looks on a background with the HunterLab color 65.9468,

-29.9894, -17.6893.

# 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

65.9468, -29.9894, -17.6893

### Protanopia

65.3071, 0.6827, -9.9131

### Deuteranopia

65.6562, 4.8144, -20.6035



## Tritanopia

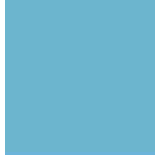
66.0934, -31.5414, -14.5222

# Trichromacy



## Original Color

65.9468, -29.9894, -17.6893



## Protanomaly

63.7904, -16.9165, -15.2618



## Deuteranomaly

63.9473, -13.7623, -22.3357



## Tritanomaly

66.1692, -31.0940, -15.5829

# Monochromacy



## Original Color

65.9468, -29.9894, -17.6893



## Achromatopsia

50.4135, -2.6899, 2.7391



## Achromatomaly

54.1125, -18.3841, -6.5062

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.9468, -29.9894, -17.6893 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, 194, 215)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 215)  
}
```

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, 194, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 215) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.9468, -29.9894, -17.6893 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, 194, 215) }
```



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

```
.border{ border-color:rgb(0, 194, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 194, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 215);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
215) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.9468, -29.9894, -17.6893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 215) }
```

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

```
.background{ background-color: rgb(0, 194,  
215) }
```

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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