

# Converting Colors

HunterLab(54.6634, -28.9531,  
-5.8230)

Have a look what the booklet for  
HunterLab(54.6634, -28.9531,  
-5.8230) contains.

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# Color

**HunterLab(54.7956,  
-29.0500, -5.7792)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A6A6
RGB	0, 166, 166
RGB Percent	0%, 65%, 65%
CMY	0.9999, 0.3490, 0.3490
CMYK	1.00, 0.00, 0.00, 0.35
HSL	180°, 100%, 33%
HSV	180°, 100%, 65%
XYZ	20.5191, 30.0256, 40.7904
YIQ	116.3660, -98.9360, -35.1920

# Conversions

## Conversions Part 2

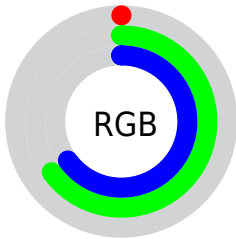
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 83, 166
Decimal	42662
CIELab	61.68, -34.86, -10.25
CIElCh	62, 36.341, 196.385
Yxy	30.0267, 0.2247, 0.3287
Android (android.graphics.Color)	4278232742 (0xFF00A6A6)
YUV	116.3660, 24.4696, -102.0530
Hunter-Lab	54.7956, -29.0500, -5.7792

# Details

The HunterLab color **54.7956, -29.0500, -5.7792** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **28.4744, 48.7580, 18.3976**, and the grayscale version is **41.8718, -2.2342, 2.2750**.

A 20% lighter version of the original color is **77.3924, -34.2037, -5.3159**, and **36.0904, -18.9299, -4.2457** is the 20% darker color. If you saturate the color by 10%, you get **54.7965, -29.0507, -5.7787**, and if you desaturate by 10%, it is **54.9020, -28.6337, -5.6314**.

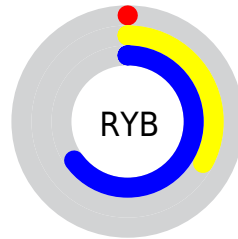
# Distribution



Red (0%)

Green (65%)

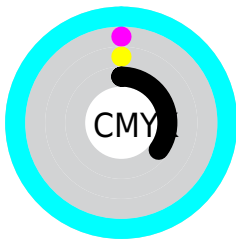
Blue (65%)



Red (0%)

Yellow (33%)

Blue (65%)

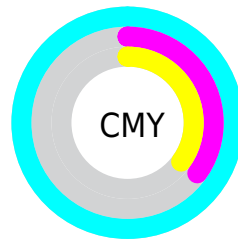


Cyan (100%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (100%)

Magenta (35%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.7956, -29.0500, -5.7792 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 54.7956, -29.0500, -5.7792 by changing the saturation by 10% instead.



■ 54.7956, -29.0500,  
-5.7792

■ 54.7956, -29.0500,  
-5.7792

173.7898,  
-49.9273, -2.9037

■ 44.5633, -26.3780,  
-5.8426

■ 77.2686, -34.0721,  
-5.4693

■ 35.0606, -23.5530,  
-5.8380

■ 89.4332, -36.4664,  
-5.2342

■ 26.3499, -20.5188,  
-5.7567

■ 102.1767,  
-38.8032, -4.9506

■ 18.5111, -17.1839,  
-5.5898

■ 115.4738,  
-41.0930, -4.6218

■ 11.6546, -14.6123,  
-5.3310

■ 129.3023,  
-43.3442, -4.2505

■ 4.3091, -7.5409,  
-9.6271

■ 143.6426,

0.0000, NaN, NaN

-45.5635, -3.8391

0.0000, NaN, NaN

158.4771,  
-47.7564, -3.3895

0.0000, NaN, NaN

■ 54.7956, -29.0500,  
-5.7792

■ 54.7956, -29.0500,  
-5.7792

■ 54.7965, -29.0507,  
-5.7787

■ 54.9020, -28.6337,  
-5.6314

■ 55.0941, -27.8769,  
-5.3639

■ 55.4078, -26.6476,  
-4.9293

■ 55.8567, -24.9022,  
-4.3120

■ 56.4507, -22.6163,  
-3.5030

■ 57.1968, -19.7826,  
-2.4995

■ 58.0993, -16.4082,  
-1.3035

■ 59.1602, -12.5131,  
0.0786

■ 60.3793, -8.1268,  
1.6366

# Harmonies

## Analogous

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



54.7966, -29.3536, 9.3375



54.7956, -29.0500, -5.7792



54.7966, -22.2841, -22.2302

# Triad

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



54.7966, -29.0500, -5.7785



54.7966, 20.7575, -20.8317



54.7966, 4.3826, 24.2383

# Complementary

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



54.7956, -29.0500, -5.7792



28.4744, 48.7580, 18.3976

# 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.



54.7966, 19.5575, 20.0039



54.7956, -29.0500, -5.7792



54.7966, 29.7075, -4.2380

# Square

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



54.7966, -29.0500, -5.7785



54.7966, 5.8770, -32.4610



54.7966, 29.2451, 10.5003



54.7966, -11.2075, 24.0420



# Rectangle

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



54.7956, -29.0500, -5.7792



54.7966, -14.5336, -30.5066



54.7966, 29.2451, 10.5003



54.7966, 9.7346, 23.3518

# Sweetspot

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



54.7966, -29.0500, -5.7785



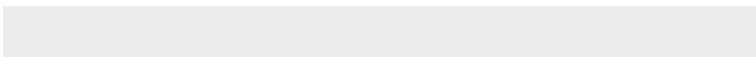
78.1937, -22.3849, -1.8554



52.2412, -44.7077, 31.4072



36.7468, -11.4947, -1.1987



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382



# Same Dimension

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



54.7966, -29.0500, -5.7785



73.8198, -39.1360, -7.7848



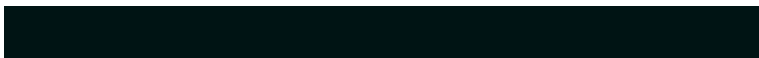
30.6172, 5.8505, -50.8952



29.2097, -3.7717, 0.8453



48.2528, -25.5816, -5.0886



7.5265, -3.9902, -0.7938



# Inverse Universe

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



28.4744, 48.7580, 18.3976



38.3581, 65.6894, 24.7860



37.2574, 23.9765, 23.3763



27.4633, 0.8885, 2.2810



25.0731, 42.9384, 16.2015



3.9109, 6.6976, 2.5271



# Previews

## White Background



This preview shows how the HunterLab color 54.7956, -29.0500, -5.7792 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

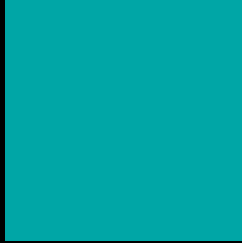
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 54.7956, -29.0500, -5.7792 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

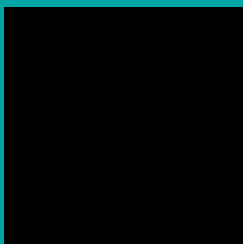
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

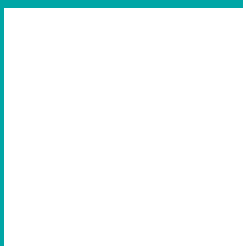
Any Text WCAG AAA ✓ Pass

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

## HunterLab 54.7956, -29.0500, -5.7792 Background



This preview shows how black text looks on a background with the HunterLab color 54.7956, -29.0500, -5.7792.



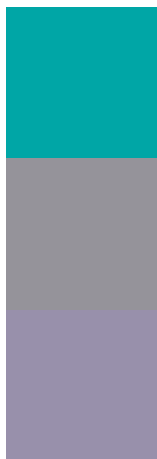
This preview shows how white text looks on a background with the HunterLab color 54.7956,

-29.0500, -5.7792.

# 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

54.7956, -29.0500, -5.7792

### Protanopia

54.3968, -1.1453, 0.1771

### Deuteranopia

54.3711, 4.2360, -8.4363



## Tritanopia

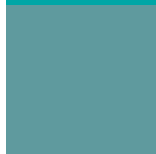
54.8099, -24.7688, -12.2222

# Trichromacy



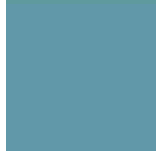
## Original Color

54.7956, -29.0500, -5.7792



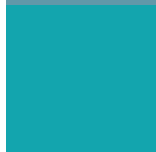
## Protanomaly

52.9270, -16.9201, -3.9195



## Deuteranomaly

52.7849, -13.5154, -9.8728



## Tritanomaly

54.8678, -26.5166, -9.9269

# Monochromacy



## Original Color

54.7956, -29.0500, -5.7792



## Achromatopsia

41.7908, -2.2299, 2.2706



## Achromatomaly

44.9747, -16.5838, -2.3103

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 54.7956, -29.0500, -5.7792 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, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 166)  
}
```

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, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 166) }
```

## Border

The CSS property to change the border of an element to HunterLab 54.7956, -29.0500, -5.7792 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, 166, 166) }
```



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

```
.border{ border-color:rgb(0, 166, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 166, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 166);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
166) }
```

# Background

The CSS property to change the background color of an element to HunterLab 54.7956, -29.0500, -5.7792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 166) }
```

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

```
.background{ background-color: rgb(0, 166,  
166) }
```

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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