

# Converting Colors

HunterLab(54.1350, -26.6620,  
-23.9708)

Have a look what the booklet for  
HunterLab(54.1350, -26.6620,  
-23.9708) contains.

<b>HunterLab(55.2187, -21.8763, -21.7939)</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(55.2187,  
-21.8763, -21.7939)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A4C3
RGB	0, 164, 195
RGB Percent	0%, 64%, 76%
CMY	0.9998, 0.3569, 0.2353
CMYK	1.00, 0.16, 0.00, 0.24
HSL	190°, 100%, 38%
HSV	190°, 100%, 76%
XYZ	23.1258, 30.4910, 56.2962
YIQ	118.4980, -107.6950, -25.1270

# Conversions

## Conversions Part 2

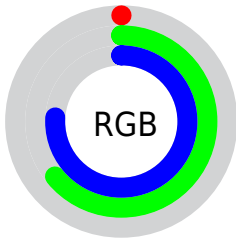
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 89, 195
Decimal	42179
CIELab	62.08, -24.39, -25.91
CIELCh	62, 35.581, 226.732
Yxy	30.4921, 0.2104, 0.2774
Android (android.graphics.Color)	4278232259 (0xFF00A4C3)
YUV	118.4980, 37.7155, -103.9227
Hunter-Lab	55.2187, -21.8763, -21.7939

# Details

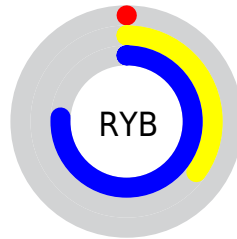
The HunterLab color **55.2187, -21.8763, -21.7939** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **35.4745, 53.6364, 22.7962**, and the grayscale version is **42.6500, -2.2757, 2.3173**.

A 20% lighter version of the original color is **77.6814, -25.5359, -22.8716**, and **36.7579, -12.8425, -18.2209** is the 20% darker color. If you saturate the color by 10%, you get **55.2173, -21.8741, -21.7968**, and if you desaturate by 10%, it is **56.3553, -22.7079, -19.9906**.

# Distribution



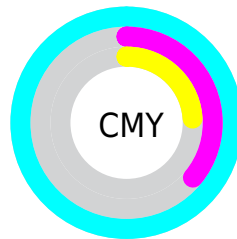
- Red (0%)
- Green (64%)
- Blue (76%)



- Red (0%)
- Yellow (35%)
- Blue (76%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (36%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.2187, -21.8763, -21.7939 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 55.2187, -21.8763, -21.7939 by changing the saturation by 10% instead.



■ 55.2187, -21.8763,  
-21.7939

■ 55.2187, -21.8763,  
-21.7939

174.4109,  
-38.2035, -23.4866

■ 44.9582, -19.8824,  
-21.3272

■ 77.7429, -25.6878,  
-22.5525

■ 35.4253, -17.8021,  
-20.8132

■ 89.9312, -27.5332,  
-22.8447

■ 26.6817, -15.6001,  
-20.2737

■ 102.6972,  
-29.3507, -23.0802

■ 18.8061, -13.2188,  
-19.7694

■ 116.0159,  
-31.1467, -23.2613

■ 11.9077, -10.7142,  
-19.4796

■ 129.8652,  
-32.9264, -23.3903

■ 4.7946, -8.3906,  
-27.9360

144.2256,

0.0000, NaN, -NF

-34.6936, -23.4694

0.0000, NaN, NaN

159.0795,  
-36.4518, -23.5008

0.0000, NaN, NaN

■ 55.2187, -21.8763,  
-21.7939

■ 55.2187, -21.8763,  
-21.7939

■ 55.2173, -21.8741,  
-21.7968

■ 56.3553, -22.7079,  
-19.9906

■ 57.6177, -23.0662,  
-18.0289

■ 59.0422, -22.8176,  
-15.8649

■ 60.6392, -21.9290,  
-13.4999

■ 62.4135, -20.3942,  
-10.9446

■ 64.3657, -18.2273,  
-8.2161

■ 66.4936, -15.4569,  
-5.3345

■ 68.7927, -12.1212,  
-2.3208

■ 71.2570, -8.2640,  
0.8041

# Harmonies

## Analogous

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



55.2197, -28.6223, -5.7674



55.2187, -21.8763, -21.7939



55.2197, -9.6048, -32.1919

# Triad

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



55.2197, -21.8760, -21.7930



55.2197, 29.0510, -3.8830



55.2197, -11.2466, 23.8020

# Complementary

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



55.2187, -21.8763, -21.7939



35.4745, 53.6364, 22.7962

# 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.



55.2197, 4.0371, 24.0474



55.2187, -21.8763, -21.7939



55.2197, 28.4862, 10.5403

# Square

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



55.2197, -21.8760, -21.7930



55.2197, 20.3966, -20.0907



55.2197, 18.9292, 19.8814



55.2197, -22.9637, 19.0823



# Rectangle

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



55.2187, -21.8763, -21.7939



55.2197, 0.5776, -33.0801



55.2197, 18.9292, 19.8814



55.2197, -6.3899, 24.3540

# Sweetspot

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



55.2197, -21.8760, -21.7930



88.8432, -20.8841, -7.3310



62.5468, -53.1184, 36.4916



40.9913, -10.5564, -4.2158

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

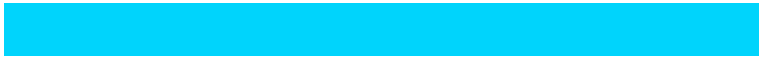


# Same Dimension

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



55.2197, -21.8760, -21.7930



73.6878, -28.9986, -29.5038



28.4752, 24.9839, -89.5193



33.3869, -3.7453, 0.4672



44.6302, -17.7857, -17.3896



9.6718, -4.2094, -3.0021



# Inverse Universe

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



37.7936, 71.8085, -30.5550



50.5457, 95.9961, -40.4770



51.6919, 13.3591, 32.0848



31.9674, 2.2756, -0.5011



30.4845, 57.9535, -24.8584



6.3959, 12.2550, -5.9582



# Previews

## White Background



This preview shows how the HunterLab color 55.2187, -21.8763, -21.7939 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 55.2187, -21.8763, -21.7939 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

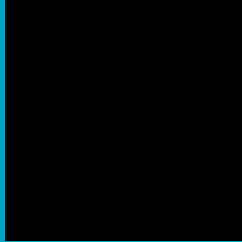
Any Text WCAG AA ✓ Pass

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 55.2187, -21.8763, -21.7939 Background



This preview shows how black text looks on a background with the HunterLab color 55.2187, -21.8763, -21.7939.



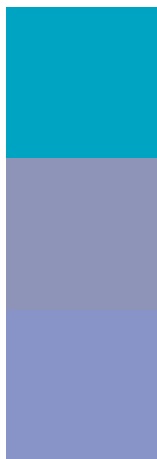
This preview shows how white text looks on a background with the HunterLab color 55.2187,

-21.8763, -21.7939.

# 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

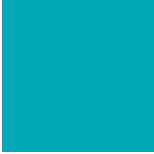
55.2187, -21.8763, -21.7939

### Protanopia

55.0104, 1.4718, -14.3621

### Deuteranopia

54.9774, 4.1017, -24.3226



## Tritanopia

55.2513, -26.3483, -12.1809

# Trichromacy



## Original Color

55.2187, -21.8763, -21.7939

## Protanomaly

53.7333, -11.8424, -18.9726

## Deuteranomaly

53.7456, -9.3152, -25.9828

## Tritanomaly

55.1480, -24.6142, -15.7952

# Monochromacy



## Original Color

55.2187, -21.8763, -21.7939

## Achromatopsia

42.9506, -2.2917, 2.3336

## Achromatomaly

45.7941, -14.2230, -7.7697

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.2187, -21.8763, -21.7939 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, 164, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 164, 195)  
}
```

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, 164, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 164, 195) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.2187, -21.8763, -21.7939 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, 164, 195) }
```



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

```
.border{ border-color:rgb(0, 164, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 164, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 164, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 164, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 164,  
195) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.2187, -21.8763, -21.7939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 164, 195) }
```

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

```
.background{ background-color: rgb(0, 164,  
195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor