

# Converting Colors

HunterLab(61.6266, -29.9274,  
-25.7247)

Have a look what the booklet for  
HunterLab(61.6266, -29.9274,  
-25.7247) contains.

<b>HunterLab(62.6823, -25.2176, -23.9099)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	30

# Color

**HunterLab(62.6823,  
-25.2176, -23.9099)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B8D9
RGB	0, 184, 217
RGB Percent	0%, 72%, 85%
CMY	0.9998, 0.2784, 0.1490
CMYK	1.00, 0.15, 0.00, 0.15
HSL	189°, 100%, 43%
HSV	189°, 100%, 85%
XYZ	29.6649, 39.2907, 71.6660
YIQ	132.7460, -120.2570, -28.7450

# Conversions

## Conversions Part 2

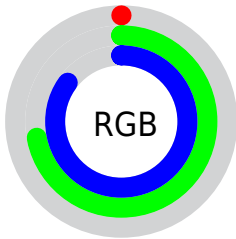
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 100, 217
Decimal	47321
CIELab	68.96, -27.05, -27.49
CIELCh	69, 38.566, 225.457
Yxy	39.2921, 0.2110, 0.2794
Android (android.graphics.Color)	4278237401 (0xFF00B8D9)
YUV	132.7460, 41.5372, -116.4182
Hunter-Lab	62.6823, -25.2176, -23.9099

# Details

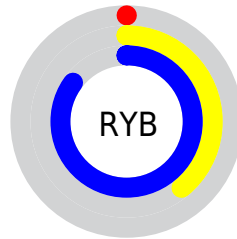
The HunterLab color **62.6823, -25.2176, -23.9099** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **39.8027, 61.1220, 25.5940**, and the grayscale version is **48.2120, -2.5725, 2.6194**.

A 20% lighter version of the original color is **85.2082, -33.5740, -13.9133**, and **43.4065, -15.7661, -20.2197** is the 20% darker color. If you saturate the color by 10%, you get **62.6805, -25.2149, -23.9135**, and if you desaturate by 10%, it is **63.9116, -26.1455, -21.9750**.

# Distribution



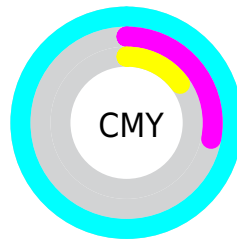
- Red (0%)
- Green (72%)
- Blue (85%)



- Red (0%)
- Yellow (39%)
- Blue (85%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (28%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.6823, -25.2176, -23.9099 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 62.6823, -25.2176, -23.9099 by changing the saturation by 10% instead.



62.6823, -25.2176,  
-23.9099

62.6823, -25.2176,  
-23.9099

185.2379,  
-42.5148, -25.6748

51.9490, -23.1100,  
-23.4421

86.0723, -29.2569,  
-24.6739

41.9088, -20.9192,  
-22.9253

98.6612, -31.2144,  
-24.9714

32.6145, -18.6152,  
-22.3742

111.8103,  
-33.1421, -25.2140

24.1316, -16.1515,  
-21.8276

125.4966,  
-35.0463, -25.4037

16.5468, -13.4504,  
-21.3877

139.6998,  
-36.9320, -25.5426

9.9825, -12.4152,  
-21.3681

154.4017,

0.0000, NaN, -NF

-38.8032, -25.6327

0.0000, NaN, -NF

169.5861,  
-40.6632, -25.6761

0.0000, NaN, NaN

■ 62.6823, -25.2176,  
-23.9099

■ 62.6823, -25.2176,  
-23.9099

■ 62.6805, -25.2149,  
-23.9135

■ 63.9116, -26.1455,  
-21.9750

■ 65.2857, -26.5269,  
-19.8533

■ 66.8430, -26.2201,  
-17.4993

■ 68.5964, -25.1836,  
-14.9123

■ 70.5521, -23.4080,  
-12.1034

■ 72.7114, -20.9075,  
-9.0908

■ 75.0721, -17.7134,  
-5.8968

■ 77.6296, -13.8688,  
-2.5456

■ 80.3770, -9.4239,  
0.9390

# Harmonies

## Analogous

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



62.6834, -32.5553, -5.7175



62.6823, -25.2176, -23.9099



62.6834, -11.5637, -36.0784

# Triad

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



62.6834, -25.2173, -23.9088



62.6834, 32.6013, -5.1560



62.6834, -12.0533, 27.0614

# Complementary

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



62.6823, -25.2176, -23.9099



39.8027, 61.1220, 25.5940

# 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.



62.6834, 5.3140, 27.1348



62.6823, -25.2176, -23.9099



62.6834, 32.4331, 11.3463

# Square

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



62.6834, -25.2173, -23.9088



62.6834, 22.4404, -23.4020



62.6834, 22.0031, 22.1843



62.6834, -25.5417, 21.9457



# Rectangle

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



62.6823, -25.2176, -23.9099



62.6834, -0.1209, -37.4709



62.6834, 22.0031, 22.1843



62.6834, -6.5111, 27.6183

# Sweetspot

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



62.6834, -25.2173, -23.9088



90.0353, -21.3905, -7.1962



70.5225, -59.9274, 41.2217



41.0844, -10.6920, -4.0943

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

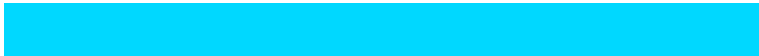


# Same Dimension

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



62.6834, -25.2173, -23.9088



75.1273, -30.1128, -28.8978



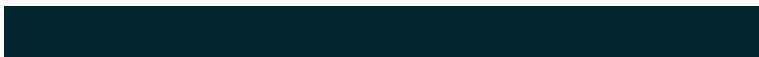
31.9012, 28.7112, -101.8471



38.0453, -4.3319, 0.5336



48.8957, -19.7860, -18.4031



12.8147, -5.5152, -4.1115



# Inverse Universe

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



42.6776, 81.1888, -35.2816



51.2142, 97.4078, -42.1144



58.1568, 15.3219, 36.1026



36.3855, 2.6755, -0.6427



33.2224, 63.2374, -27.7027



8.5116, 16.2909, -7.7913



# Previews

## White Background



This preview shows how the HunterLab color 62.6823, -25.2176, -23.9099 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 62.6823, -25.2176, -23.9099 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

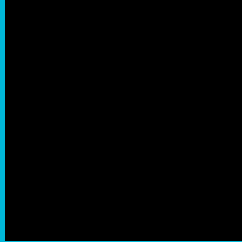
Any Text WCAG AA ✓ Pass

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 62.6823, -25.2176, -23.9099 Background



This preview shows how black text looks on a background with the HunterLab color 62.6823, -25.2176, -23.9099.



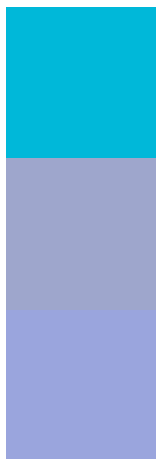
This preview shows how white text looks on a background with the HunterLab color 62.6823, -25.2176, -23.9099.

-25.2176, -23.9099.

# 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

62.6823, -25.2176, -23.9099

### Protanopia

62.3708, 1.4237, -15.8474

### Deuteranopia

62.4506, 4.5637, -26.3830

# Trichromacy



## Original Color

62.6823, -25.2176, -23.9099

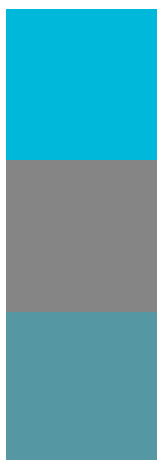
## Protanomaly

61.0388, -13.7672, -21.2226

## Deuteranomaly

61.0484, -11.1999, -28.3383

# Monochromacy



## Original Color

62.6823, -25.2176, -23.9099

## Achromatopsia

48.4304, -2.5841, 2.6313

## Achromatomaly

52.0270, -16.6810, -8.2582

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.6823, -25.2176, -23.9099 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, 184, 217)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 217)  
}
```

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, 184, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 217) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.6823, -25.2176, -23.9099 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, 184, 217) }
```

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

```
.border{ border-color:rgb(0, 184, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 184, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 184, 217); box-shadow:4px 4px 4px 4px rgb(0, 184, 217) }
```



# Background

The CSS property to change the background color of an element to HunterLab 62.6823, -25.2176, -23.9099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 217) }
```

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

```
.background{ background-color: rgb(0, 184,  
217) }
```

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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