

# Converting Colors

HunterLab(65.3541, -27.5365,  
-22.2435)

Have a look what the booklet for  
HunterLab(65.3541, -27.5365,  
-22.2435) contains.

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# Color

**HunterLab(65.5132,  
-27.7298, -22.0252)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C0DD
RGB	0, 192, 221
RGB Percent	0%, 75%, 87%
CMY	0.9998, 0.2470, 0.1333
CMYK	1.00, 0.13, 0.00, 0.13
HSL	188°, 100%, 43%
HSV	188°, 100%, 87%
XYZ	31.9008, 42.9198, 75.0097
YIQ	137.8980, -123.7410, -31.6850

# Conversions

## Conversions Part 2

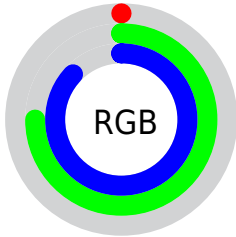
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 103, 221
Decimal	49373
CIELab	71.50, -29.68, -25.77
CIELCh	72, 39.309, 220.969
Yxy	42.9213, 0.2129, 0.2865
Android (android.graphics.Color)	4278239453 (0xFF00C0DD)
YUV	137.8980, 40.9693, -120.9365
Hunter-Lab	65.5132, -27.7298, -22.0252

# Details

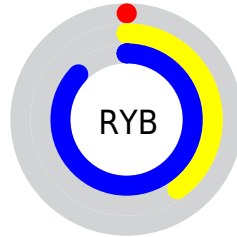
The HunterLab color **65.5132, -27.7298, -22.0252** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **40.3160, 63.4246, 25.9506**, and the grayscale version is **50.2575, -2.6816, 2.7306**.

A 20% lighter version of the original color is **88.3726, -37.5224, -9.6753**, and **45.7495, -17.7461, -18.8741** is the 20% darker color. If you saturate the color by 10%, you get **65.5117, -27.7275, -22.0282**, and if you desaturate by 10%, it is **66.6181, -28.4839, -20.3315**.

# Distribution



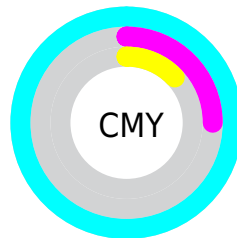
- Red (0%)
- Green (75%)
- Blue (87%)



- Red (0%)
- Yellow (40%)
- Blue (87%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (25%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.5132, -27.7298, -22.0252 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 65.5132, -27.7298, -22.0252 by changing the saturation by 10% instead.



65.5132, -27.7298,  
-22.0252

65.5132, -27.7298,  
-22.0252

189.2850,  
-46.0535, -23.2426

54.6108, -25.4839,  
-21.6152

89.2144, -32.0277,  
-22.6657

44.3898, -23.1477,  
-21.1497

101.9479,  
-34.1067, -22.9006

34.9005, -20.6907,  
-20.6360

115.2355,  
-36.1512, -23.0809

26.2044, -18.0667,  
-20.0978

129.0549,  
-38.1682, -23.2089

18.3817, -15.1996,  
-19.5982

143.3864,  
-40.1629, -23.2869

11.5438, -12.6919,  
-19.3260

158.2123,

4.0771, -7.1350,

-42.1397, -23.3172

-31.8088

173.5167,  
-44.1023, -23.3018

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 65.5132, -27.7298,  
-22.0252

■ 65.5132, -27.7298,  
-22.0252

■ 65.5117, -27.7275,  
-22.0282

■ 66.6181, -28.4839,  
-20.3315

■ 67.8677, -28.6862,  
-18.4441

■ 69.3013, -28.1916,  
-16.3158

■ 70.9335, -26.9536,  
-13.9416

■ 72.7720, -24.9581,

-11.3293

■ 74.8194, -22.2157,  
-8.4945

■ 77.0748, -18.7553,  
-5.4579

■ 79.5343, -14.6190,  
-2.2426

■ 82.1920, -9.8569,  
1.1273

# Harmonies

## Analogous

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



65.5144, -34.2461, -3.0418



65.5132, -27.7298, -22.0252



65.5144, -14.4507, -36.0178

# Triad

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



65.5144, -27.7296, -22.0241



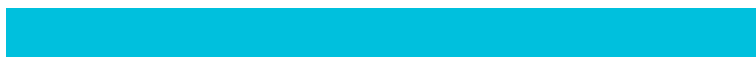
65.5144, 32.6986, -8.1558



65.5144, -9.9820, 28.4281

# Complementary

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



65.5132, -27.7298, -22.0252



40.3160, 63.4246, 25.9506

# 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.



65.5144, 8.2226, 27.7533



65.5132, -27.7298, -22.0252



65.5144, 34.2298, 9.5503

# Square

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



65.5144, -27.7296, -22.0241



65.5144, 20.8800, -26.6297



65.5144, 24.8613, 21.7501



65.5144, -24.7641, 23.9397

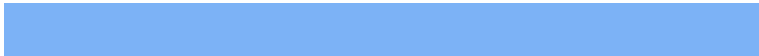


# Rectangle

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



65.5132, -27.7298, -22.0252



65.5144, -2.9102, -38.8492



65.5144, 24.8613, 21.7501



65.5144, -4.0861, 28.7579

# Sweetspot

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



65.5144, -27.7296, -22.0241



90.5674, -22.1748, -6.5160



71.9637, -61.3414, 42.4728



41.3667, -11.1014, -3.7283

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

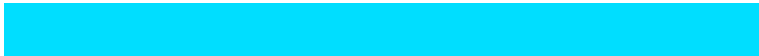


# Same Dimension

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



65.5144, -27.7296, -22.0241



76.9508, -32.4894, -26.0466



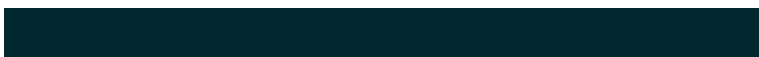
34.1740, 25.2348, -97.1836



38.1088, -4.4334, 0.6089



50.0507, -21.2874, -16.6057



13.0602, -5.8287, -3.7417



# Inverse Universe

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



43.7943, 83.6824, -39.0656



51.4868, 98.3669, -45.7549



57.5037, 19.3955, 35.7715



36.3922, 2.7114, -0.7378



33.3956, 63.8466, -30.0136



8.5491, 16.4228, -8.2901



# Previews

## White Background



This preview shows how the HunterLab color 65.5132, -27.7298, -22.0252 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 65.5132, -27.7298, -22.0252 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

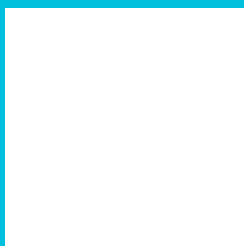
Any Text WCAG AAA ✓ Pass

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

## HunterLab 65.5132, -27.7298, -22.0252 Background



This preview shows how black text looks on a background with the HunterLab color 65.5132, -27.7298, -22.0252.



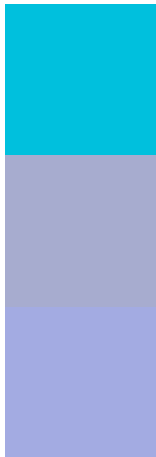
This preview shows how white text looks on a background with the HunterLab color 65.5132,

-27.7298, -22.0252.

# 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

65.5132, -27.7298, -22.0252

### Protanopia

64.9812, 1.5212, -13.7937

### Deuteranopia

65.1178, 4.9965, -25.2993



## Tritanopia

65.3784, -30.9248, -14.9596

# Trichromacy



## Original Color

65.5132, -27.7298, -22.0252



## Protanomaly

63.2913, -15.0174, -19.6127



## Deuteranomaly

63.6907, -12.5728, -26.6225



## Tritanomaly

65.5317, -30.0219, -17.1002

# Monochromacy



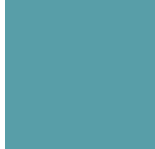
## Original Color

65.5132, -27.7298, -22.0252



## Achromatopsia

50.4135, -2.6899, 2.7391



## Achromatomaly

54.1808, -17.9905, -7.4682

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.5132, -27.7298, -22.0252 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, 192, 221)` looks like.

```
.text, #text, p{  
  color:rgb(0, 192, 221)  
}
```

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, 192, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 221) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.5132, -27.7298, -22.0252 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, 192, 221) }
```



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

```
.border{ border-color:rgb(0, 192, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 192, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 221);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
221) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.5132, -27.7298, -22.0252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 192, 221) }
```

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

```
.background{ background-color: rgb(0, 192,  
221) }
```

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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