

# Converting Colors

Decimal(49122)

Have a look what the booklet for  
Decimal(49122) contains.

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# **Color**

**Decimal(49122)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BFE2
RGB	0, 191, 226
RGB Percent	0%, 75%, 89%
CMY	1.0000, 0.2510, 0.1137
CMYK	1.00, 0.15, 0.00, 0.11
HSL	189°, 100%, 44%
HSV	189°, 100%, 89%
XYZ	32.3583, 42.7526, 78.4981
YIQ	137.8810, -125.0710, -29.6070

# Conversions

## Conversions Part 2

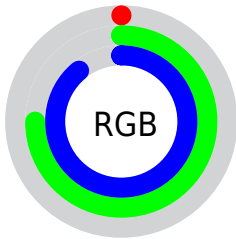
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 104, 226
Decimal	49122
CIELab	71.39, -27.54, -28.67
CIELCh	71, 39.751, 226.151
Yxy	42.7526, 0.2107, 0.2783
Android (android.graphics.Color)	4278239202 (0xFF00BFE2)
YUV	137.8810, 43.4427, -120.9216
Hunter-Lab	65.3855, -26.0876, -25.4104

# Details

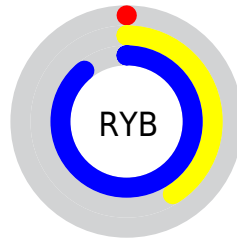
The Decimal color **49122** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **14820096**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **7141631**, and **35243** is the 20% darker color. If you saturate the color by 10%, you get **49122**, and if you desaturate by 10%, it is **1557474**.

# Distribution



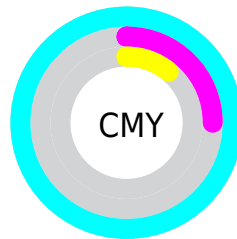
- Red (0%)
- Green (75%)
- Blue (89%)



- Red (0%)
- Yellow (41%)
- Blue (89%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (25%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 49122 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 Decimal color 49122 by changing the saturation by 10% instead.





■ 49122

■ 1557474

■ 3000034

■ 4508386

■ 5950946

■ 7459298

■ 8967394

■ 10410210

■ 11918306

■ 13361122

# Harmonies

## Analogous

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



1884866



49122



5945333

# Triad

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



49122



15439041



11776872

# Complementary

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



49122



14820096

# 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.



14002024



49122



16159644

# Square

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



49122



13344481



15571836



9092219

# Rectangle

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



49122



8827127



15571836



12562278

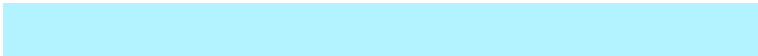


# Sweetspot

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



49122



11793407



57890



5404800



0



8421504



# Same Dimension

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



49122



55551



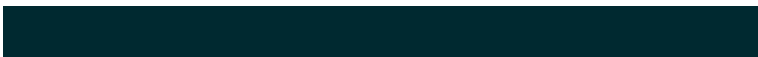
20450



6647408



38320



10544



# Inverse Universe

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



14811327



16711896



14848768



7365998



11534485

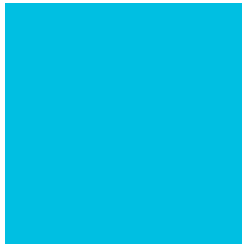


3145769



# Previews

## White Background



This preview shows how the Decimal color 49122 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 Decimal color 49122 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](#).



## Decimal 49122 Background



This preview shows how black text looks on a background with the Decimal color 49122.

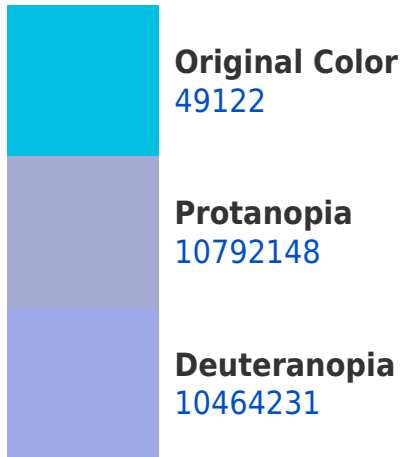


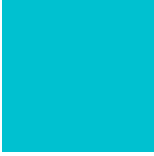
This preview shows how white text looks on a background with the Decimal color 49122.

# 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





**Tritanopia**  
49616

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 49122 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 #00BFE2 looks like.

```
.text, #text, p{  
    color:#00BFE2  
}
```

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 #00BFE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BFE2
}
```

## Border

The CSS property to change the border of an element to Decimal 49122 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
#00BFE2 }
```

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

```
.border{ border-color:#00BFE2 }
```

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

Here you see how a box with a 4 pixel #00BFE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BFE2; -webkit-box-shadow:4px 4px  
4px 4px #00BFE2; box-shadow:4px 4px 4px  
4px #00BFE2 }
```

# Background

The CSS property to change the background color of an element to Decimal 49122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BFE2 }
```

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

```
.background{ background-color:#00BFE2 }
```

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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