

# Converting Colors

Decimal(48610)

Have a look what the booklet for  
Decimal(48610) contains.

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# **Color**

**Decimal(48610)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BDE2
RGB	0, 189, 226
RGB Percent	0%, 74%, 89%
CMY	1.0000, 0.2588, 0.1137
CMYK	1.00, 0.16, 0.00, 0.11
HSL	190°, 100%, 44%
HSV	190°, 100%, 89%
XYZ	31.9251, 41.8862, 78.3537
YIQ	136.7070, -124.5210, -28.5610

# Conversions

## Conversions Part 2

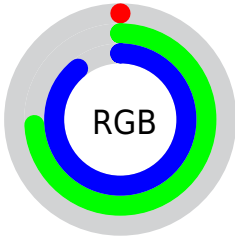
Format	Color
<b>RYB</b>	0, 103, 226
Decimal	48610
CIELab	70.79, -26.54, -29.58
CIELCh	71, 39.743, 228.101
Yxy	41.8862, 0.2098, 0.2753
Android (android.graphics.Color)	4278238690 (0xFF00BDE2)
YUV	136.7070, 44.0214, -119.8920
Hunter-Lab	64.7195, -25.2081, -26.4767

# Details

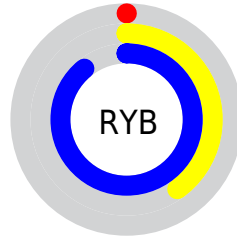
The Decimal color **48610** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **14820608**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **7141119**, and **34731** is the 20% darker color. If you saturate the color by 10%, you get **48610**, and if you desaturate by 10%, it is **1556962**.

# Distribution



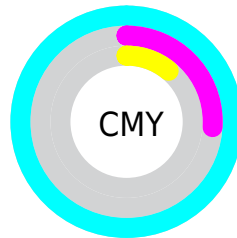
- Red (0%)
- Green (74%)
- Blue (89%)



- Red (0%)
- Yellow (40%)
- Blue (89%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)



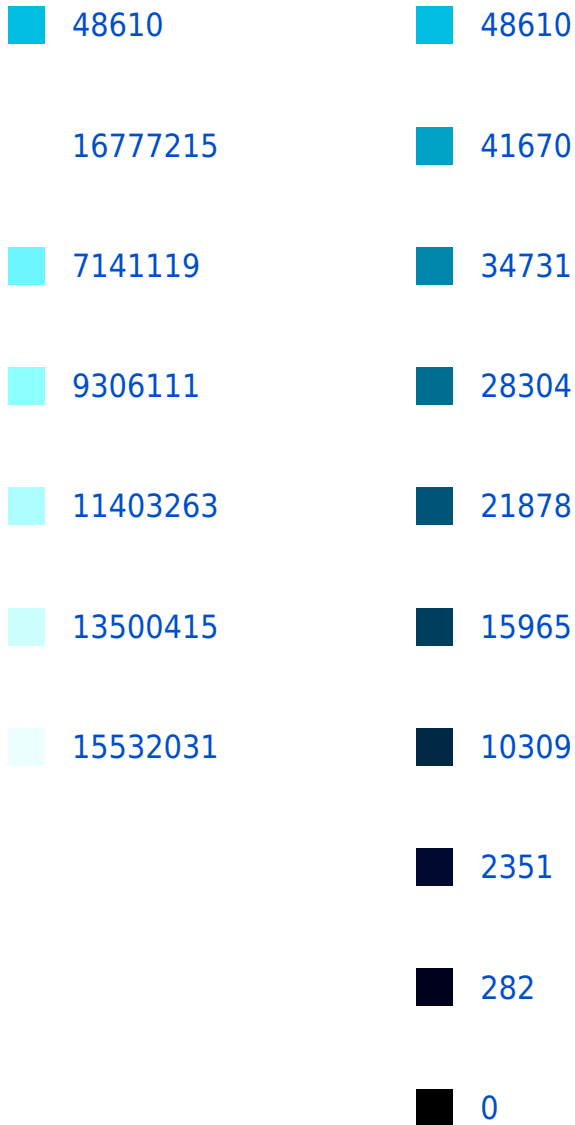
- Cyan (100%)
- Magenta (26%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 48610 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 48610 by changing the saturation by 10% instead.





■ 48610

■ 1556962

■ 2999522

■ 4507874

■ 5950690

■ 7459042

■ 8967138

■ 10409954

■ 11918306

■ 13360866

# Harmonies

## Analogous

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



1097922



48610



6141427

# Triad

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



48610



15372989



11514471

# Complementary

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



48610



14820608

# 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.



13739622



48610



16028313

# Square

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



48610



13409502



15374969



8829820

# Rectangle

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



48610



8957428



15374969



12299876



# Sweetspot

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



48610



11793151



57890



5404800



0



8421504

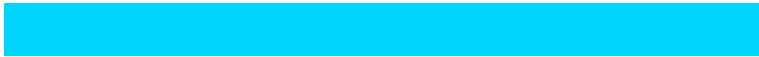


# Same Dimension

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



48610



54783



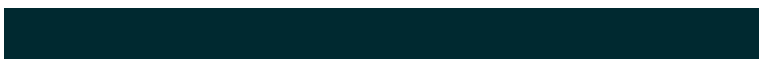
20450



6647408



37808



10544



# Inverse Universe

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



14811325



16711893



14848768



7365998



11534483



3145769



# Previews

## White Background



This preview shows how the Decimal color 48610 looks on a white background.

## Color Contrast Check

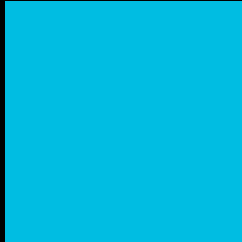
Large Text (above 18pt) WCAG AA × Fail

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 48610 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

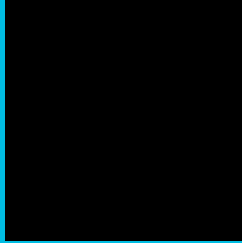
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 48610 Background



This preview shows how black text looks on a background with the Decimal color 48610.

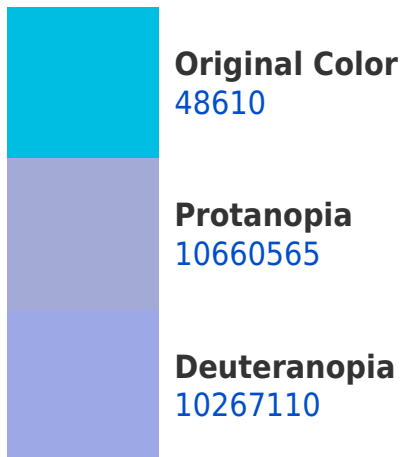


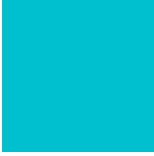
This preview shows how white text looks on a background with the Decimal color 48610.

# 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](#).

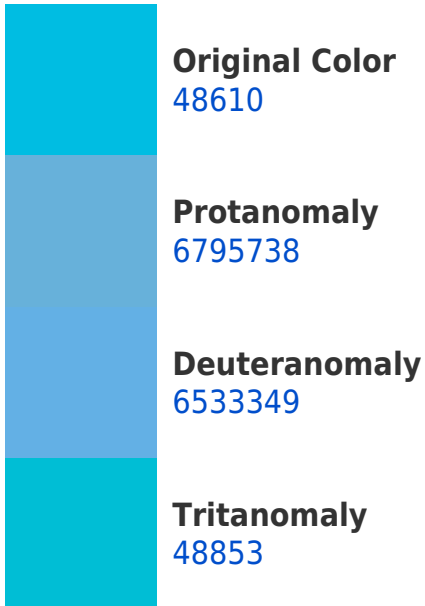
## Dichromacy



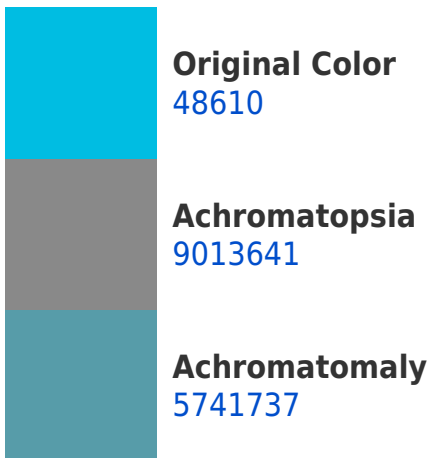


**Tritanopia**  
49102

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 48610 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 #00BDE2 looks like.

```
.text, #text, p{  
    color:#00BDE2  
}
```

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 #00BDE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BDE2
}
```

## Border

The CSS property to change the border of an element to Decimal 48610 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
#00BDE2 }
```

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

```
.border{ border-color:#00BDE2 }
```

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

Here you see how a box with a 4 pixel #00BDE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BDE2; -webkit-box-shadow:4px 4px  
4px 4px #00BDE2; box-shadow:4px 4px 4px  
4px #00BDE2 }
```

# Background

The CSS property to change the background color of an element to Decimal 48610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BDE2 }
```

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

```
.background{ background-color:#00BDE2 }
```

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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