

# Converting Colors

Decimal(45762)

Have a look what the booklet for  
Decimal(45762) contains.

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# **Color**

**Decimal(45762)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B2C2
RGB	0, 178, 194
RGB Percent	0%, 70%, 76%
CMY	1.0000, 0.3020, 0.2392
CMYK	1.00, 0.08, 0.00, 0.24
HSL	185°, 100%, 38%
HSV	185°, 100%, 76%
XYZ	25.6580, 35.7358, 56.5843
YIQ	126.6020, -111.2240, -32.7600

# Conversions

## Conversions Part 2

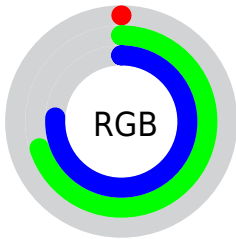
Format	Color
<a href="#">RYB</a>	0, 93, 194
Decimal	45762
CIELab	66.32, -31.67, -18.87
CIELCh	66, 36.867, 210.785
Yxy	35.7358, 0.2175, 0.3029
Android (android.graphics.Color)	4278235842 (0xFF00B2C2)
YUV	126.6020, 33.2272, -111.0300
Hunter-Lab	59.7795, -27.9999, -14.2754

# Details

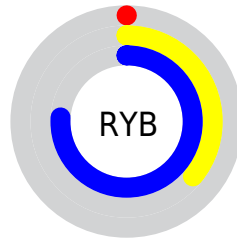
The Decimal color **45762** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **12718080**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **6679291**, and **32140** is the 20% darker color. If you saturate the color by 10%, you get **45762**, and if you desaturate by 10%, it is **1291458**.

# Distribution



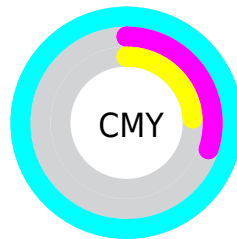
- Red (0%)
- Green (70%)
- Blue (76%)



- Red (0%)
- Yellow (36%)
- Blue (76%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



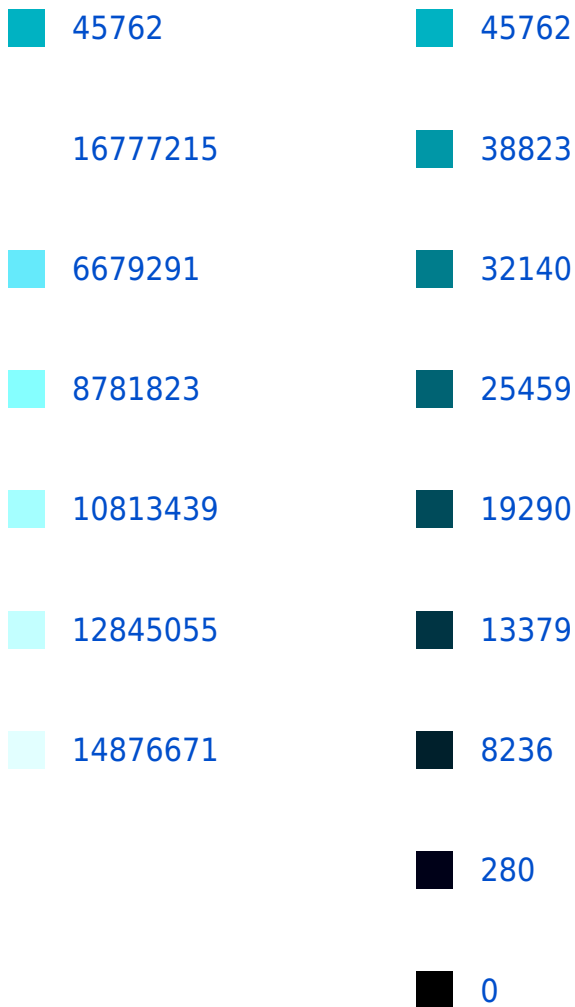
- Cyan (100%)
- Magenta (30%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 45762 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 45762 by changing the saturation by 10% instead.





45762

■ 1291458

■ 2602434

■ 3848130

■ 5159106

■ 6404802

■ 7650498

■ 8961474

■ 10207170

■ 11518146

# Harmonies

## Analogous

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



4043681



45762



3452378

# Triad

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



45762



13405634



11968606

# Complementary

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



45762



12718080

# 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.



13735016



45762



14649250

# Square

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



45762



10918106



14715521



9742695

# Rectangle

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



45762



6203618



14715521



12622944



# Sweetspot

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



45762



11663100



49677



5405824



0



8421504



# Same Dimension

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



45762



59644



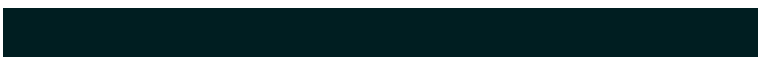
21698



5726305



37793



7713



# Inverse Universe

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



12714162



16515304



12742144



6379360



10551443



2162718



# Previews

## White Background



This preview shows how the Decimal color 45762 looks on a white background.

## Color Contrast Check

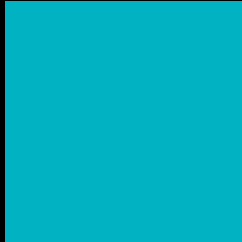
Large Text (above 18pt) WCAG AA × Fail

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 45762 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

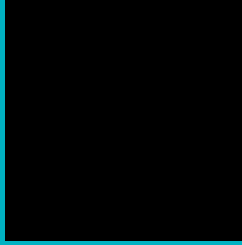
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

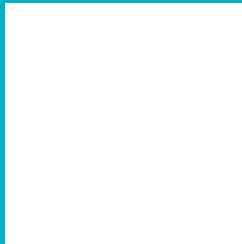
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 45762 Background



This preview shows how black text looks on a background with the Decimal color 45762.

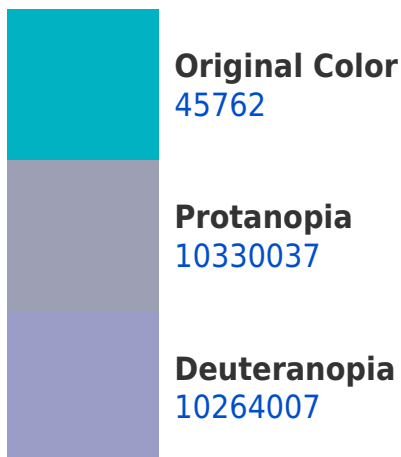


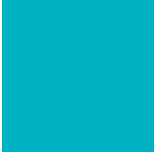
This preview shows how white text looks on a background with the Decimal color 45762.

# 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



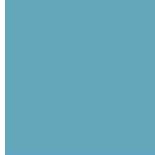


**Tritanopia**  
45761

# Trichromacy



**Original Color**  
45762



**Protanomaly**  
6596282



**Deuteranomaly**  
6530501



**Tritanomaly**  
45761

# Monochromacy



**Original Color**  
45762



**Achromatopsia**  
8355711



**Achromatomaly**  
5345943

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 45762 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 #00B2C2 looks like.

```
.text, #text, p{  
    color:#00B2C2  
}
```

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 #00B2C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B2C2
}
```

## Border

The CSS property to change the border of an element to Decimal 45762 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
#00B2C2 }
```

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

```
.border{ border-color:#00B2C2 }
```

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

Here you see how a box with a 4 pixel #00B2C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B2C2; -webkit-box-shadow:4px 4px  
4px 4px #00B2C2; box-shadow:4px 4px 4px  
4px #00B2C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 45762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B2C2 }
```

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

```
.background{ background-color:#00B2C2 }
```

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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