

# Converting Colors

Decimal(177065)

Have a look what the booklet for  
Decimal(177065) contains.

<b>Decimal(177065)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(177065)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02B3A9
RGB	2, 179, 169
RGB Percent	1%, 70%, 66%
CMY	0.9922, 0.2980, 0.3373
CMYK	0.99, 0.00, 0.06, 0.30
HSL	177°, 98%, 35%
HSV	177°, 99%, 70%
XYZ	23.3066, 35.1177, 43.0861
YIQ	124.9370, -102.2820, -40.6340

# Conversions

## Conversions Part 2

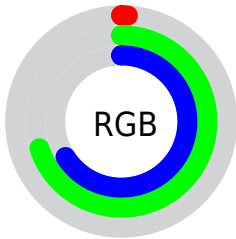
Format	Color
<a href="#">RYB</a>	<a href="#">2, 93, 179</a>
Decimal	<a href="#">177065</a>
CIELab	<a href="#">65.84, -39.80, -5.73</a>
CIELCh	<a href="#">66, 40.214, 188.190</a>
Yxy	<a href="#">35.1177, 0.2296, 0.3460</a>
Android (android.graphics.Color)	<a href="#">4278367145</a> ( <a href="#">0xFF02B3A9</a> )
YUV	<a href="#">124.9370, 21.7231, -107.8157</a>
Hunter-Lab	<a href="#">59.2602, -33.5026, -1.6257</a>

# Details

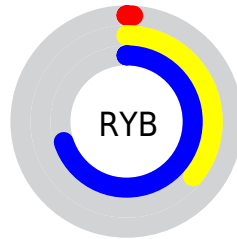
The Decimal color **177065** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **11731468**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **6482912**, and **32117** is the 20% darker color. If you saturate the color by 10%, you get **45993**, and if you desaturate by 10%, it is **1356714**.

# Distribution



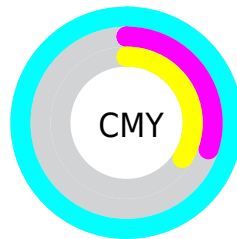
- Red (1%)
- Green (70%)
- Blue (66%)



- Red (1%)
- Yellow (36%)
- Blue (70%)



- Cyan (99%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)



- Cyan (99%)
- Magenta (30%)
- Yellow (34%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 177065 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 177065 by changing the saturation by 10% instead.



 177065  177065

16777215  39055

 6482912  32117

 8585213  25692

 10616831  19269

 12582911  13103

 14614527  7450

 16580607  0

 177065  177065

 45993  1356714

■ 2536363

■ 3716012

■ 4895661

■ 6009774

■ 7189423

■ 8369072

■ 9548721

■ 10728370

# Harmonies

## Analogous

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



5812612



177065



45515

# Triad

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



177065



11637721



13473117

# Complementary

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



177065



11731468

# 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.



14780789



177065



13993916

# Square

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



177065



8036583



15041431



11379031

# Rectangle

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



177065



44764



15041431



13996132



# Sweetspot

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



177065



10676452



963330



4945267



16119285



7697781



# Same Dimension

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



177065



59611



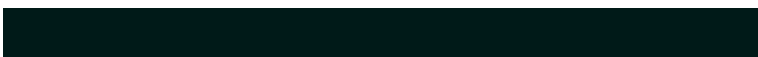
157363



5265753



39312



6680



# Inverse Universe

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



11731468



15204365



11751170



5853265



10027017

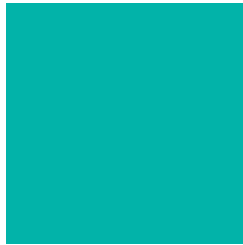


1703937



# Previews

## White Background



This preview shows how the Decimal color 177065 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 177065 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

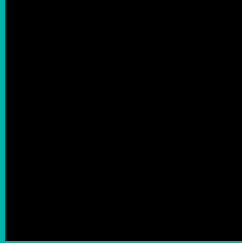
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 177065 Background



This preview shows how black text looks on a background with the Decimal color 177065.

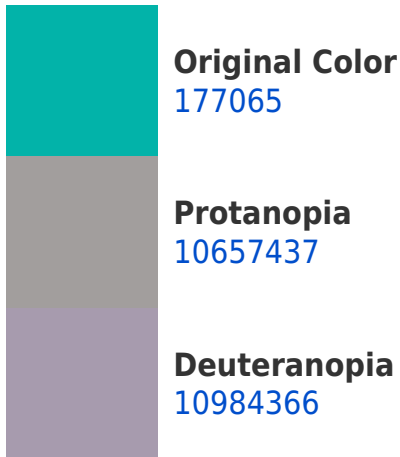


This preview shows how white text looks on a background with the Decimal color 177065.

# 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**  
2732222

# Trichromacy



**Original Color**  
177065



**Protanomaly**  
6858401



**Deuteranomaly**  
7054508



**Tritanomaly**  
1814966

# Monochromacy



**Original Color**  
177065



**Achromatopsia**  
8224125



**Achromatomaly**  
5280141

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 177065 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 #02B3A9 looks like.

```
.text, #text, p{  
    color:#02B3A9  
}
```

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 #02B3A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02B3A9
}
```

## Border

The CSS property to change the border of an element to Decimal 177065 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
#02B3A9 }
```

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

```
.border{ border-color:#02B3A9 }
```

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

Here you see how a box with a 4 pixel #02B3A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02B3A9; -webkit-box-shadow:4px 4px  
4px 4px #02B3A9; box-shadow:4px 4px 4px  
4px #02B3A9 }
```

# Background

The CSS property to change the background color of an element to Decimal 177065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02B3A9 }
```

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

```
.background{ background-color:#02B3A9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor