

# Converting Colors

Decimal(231576)

Have a look what the booklet for  
Decimal(231576) contains.

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# Color

**Decimal(231576)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	038898
RGB	3, 136, 152
RGB Percent	1%, 53%, 60%
CMY	0.9882, 0.4667, 0.4039
CMYK	0.98, 0.11, 0.00, 0.40
HSL	186°, 96%, 30%
HSV	186°, 98%, 60%
XYZ	14.5092, 19.8947, 32.7811
YIQ	98.0570, -84.4040, -23.2200

# Conversions

## Conversions Part 2

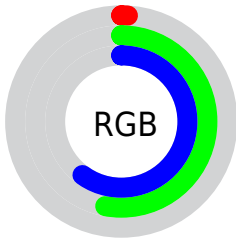
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 73, 152
Decimal	231576
CIELab	51.72, -24.67, -17.29
CIELCh	52, 30.122, 215.029
Yxy	19.8947, 0.2160, 0.2961
Android (android.graphics.Color)	4278421656 (0xFF038898)
YUV	98.0570, 26.5939, -83.3650
Hunter-Lab	44.6034, -19.9912, -12.3525

# Details

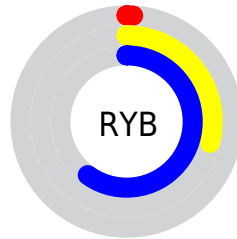
The Decimal color **231576** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9966339**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **5816014**, and **22117** is the 20% darker color. If you saturate the color by 10%, you get **34968**, and if you desaturate by 10%, it is **1215128**.

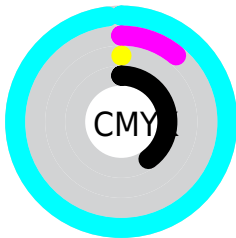
# Distribution



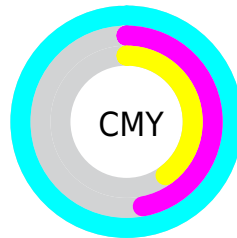
- Red (1%)
- Green (53%)
- Blue (60%)



- Red (1%)
- Yellow (29%)
- Blue (60%)



- Cyan (98%)
- Magenta (11%)
- Yellow (0%)
- Black (40%)



- Cyan (99%)
- Magenta (47%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 231576 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 231576 by changing the saturation by 10% instead.



■ 231576                      ■ 231576

16777215                      ■ 28286

■ 5816014                      ■ 22117

■ 7789290                      ■ 15949

■ 9762559                      ■ 10294

■ 11665407                      ■ 3361

■ 13631487                      ■ 7

■ 15597567                      ■ 0

■ 231576                      ■ 231576

■ 34968                      ■ 1215128

■ 2198424

■ 3247512

■ 4231064

■ 5214360

■ 6197912

■ 7181208

■ 8230296

■ 9213848

# Harmonies

## Analogous

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



2656639



231576



3048617

# Triad

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



231576



10447762



8944455

# Complementary

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



231576



9966339

# 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.



10383949



231576



11298680

# Square

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



231576



8680358



11233887



7111248

# Rectangle

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



231576



5144494



11233887



9467976



# Sweetspot

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



231576



9158340



235538



4284515



14935011



6513507



# Same Dimension

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



231576



44996



212888



4541517



32140



2829



# Inverse Universe

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



9962376



12845231



9985027



5064012



9175165



851979



# Previews

## White Background



This preview shows how the Decimal color 231576 looks on a white background.

## Color Contrast Check

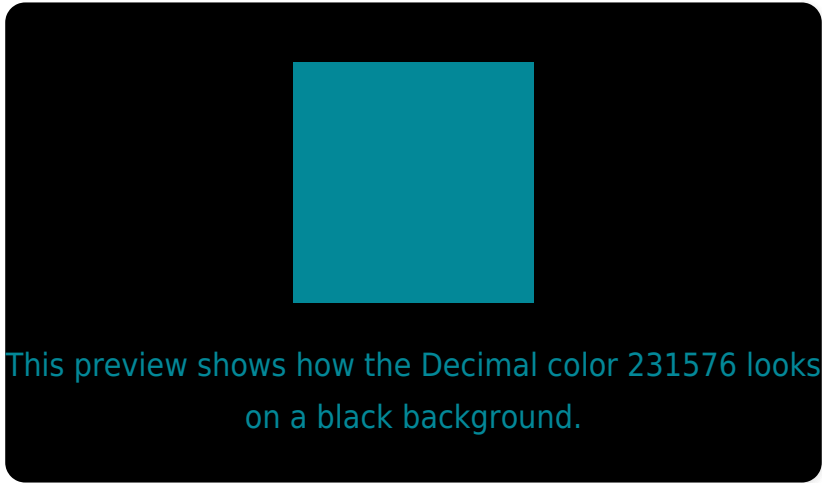
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

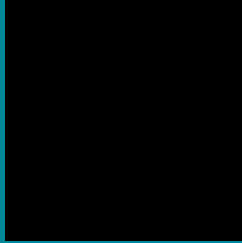
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 231576 Background



This preview shows how black text looks on a background with the Decimal color 231576.

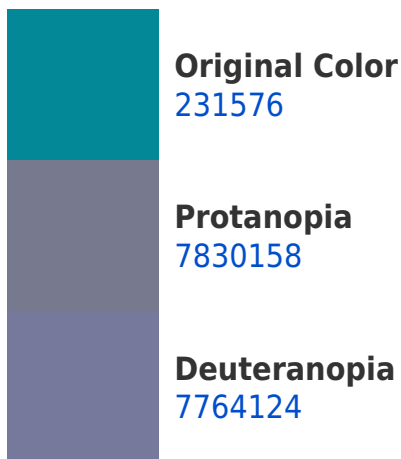


This preview shows how white text looks on a background with the Decimal color 231576.

# 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](#).

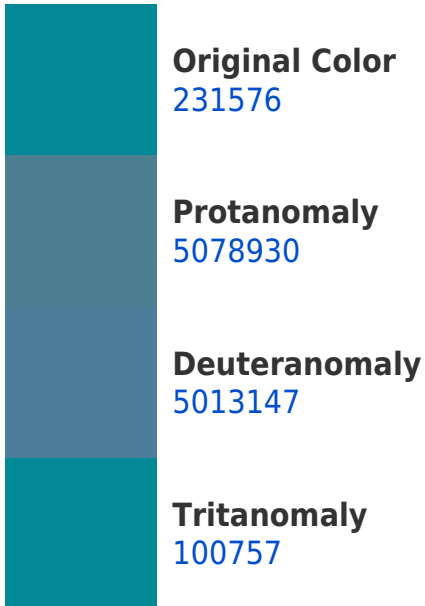
## Dichromacy



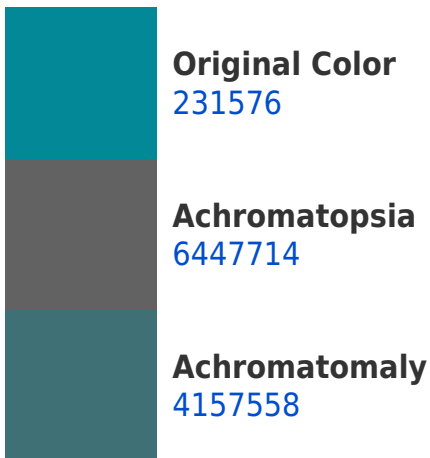


**Tritanopia**  
35220

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 231576 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 #038898 looks like.

```
.text, #text, p{  
    color:#038898  
}
```

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 #038898 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #038898
}
```

## Border

The CSS property to change the border of an element to Decimal 231576 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
#038898 }
```

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

```
.border{ border-color:#038898 }
```

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

Here you see how a box with a 4 pixel #038898 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #038898; -webkit-box-shadow:4px 4px  
4px 4px #038898; box-shadow:4px 4px 4px  
4px #038898 }
```

# Background

The CSS property to change the background color of an element to Decimal 231576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#038898 }
```

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

```
.background{ background-color:#038898 }
```

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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