

# Converting Colors

Decimal(30583)

Have a look what the booklet for  
Decimal(30583) contains.

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# Color

**Decimal(30583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007777
RGB	0, 119, 119
RGB Percent	0%, 47%, 47%
CMY	1.0000, 0.5333, 0.5333
CMYK	1.00, 0.00, 0.00, 0.53
HSL	180°, 100%, 23%
HSV	180°, 100%, 47%
XYZ	9.9266, 14.5256, 19.7333
YIQ	83.4190, -70.9240, -25.2280

# Conversions

## Conversions Part 2

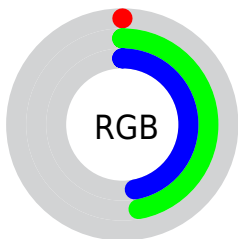
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 60, 119
Decimal	30583
CIELab	44.98, -27.37, -8.05
CIELCh	45, 28.529, 196.386
Yxy	14.5256, 0.2247, 0.3287
Android (android.graphics.Color)	4278220663 (0xFF007777)
YUV	83.4190, 17.5414, -73.1585
Hunter-Lab	38.1124, -20.2054, -4.0196

# Details

The Decimal color **30583** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7798784**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **5221547**, and **17991** is the 20% darker color. If you saturate the color by 10%, you get **30583**, and if you desaturate by 10%, it is **817015**.

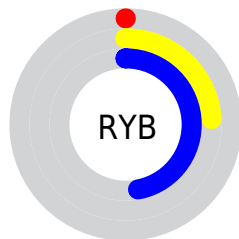
# Distribution



Red (0%)

Green (47%)

Blue (47%)



Red (0%)

Yellow (24%)

Blue (47%)

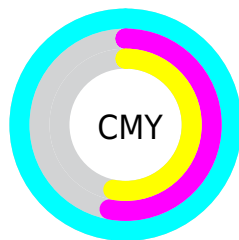


Cyan (100%)

Magenta (0%)

Yellow (0%)

Black (53%)



Cyan (100%)

Magenta (53%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 30583 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 30583 by changing the saturation by 10% instead.



■ 30583                      ■ 30583

16777215                      ■ 24158

■ 5221547                      ■ 17991

■ 7129030                      ■ 12080

■ 8971234                      ■ 6940

■ 10878975                      ■ 0

■ 12779519

■ 14680063

■ 16646143

■ 30583

■ 817015

■ 1603447

■ 2389879

■ 3176311

■ 3897207

■ 4683639

■ 5470071

■ 6256503

■ 7042935

# Harmonies

## Analogous

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



3307102



30583



30092

# Triad

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



30583



8216459



8611132

# Complementary

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



30583



7798784

# 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.



9657673



30583



9591158

# Square

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



30583



6121624



10049630



7171388

# Rectangle

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



30583



2126485



10049630



9003583



# Sweetspot

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



30583



7183516



30464



3362639



13619151



5197647



# Same Dimension

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



30583



40092



15223



3488571



31354



64250



# Inverse Universe

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



7798903



10223772



7813888



3880251



7995514



16384250



# Previews

## White Background



This preview shows how the Decimal color 30583 looks on a white background.

## Color Contrast Check

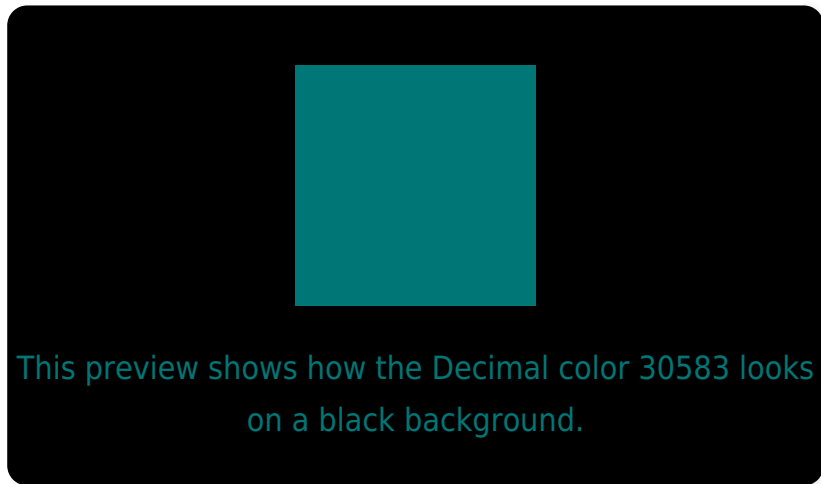
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

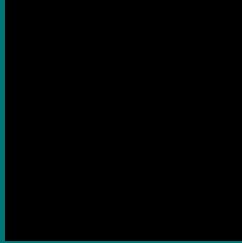
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 30583 Background



This preview shows how black text looks on a background with the Decimal color 30583.

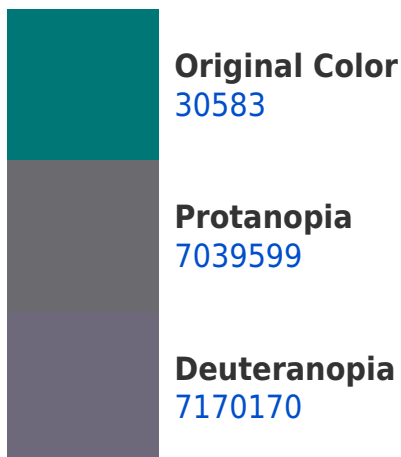


This preview shows how white text looks on a background with the Decimal color 30583.

# 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](#).

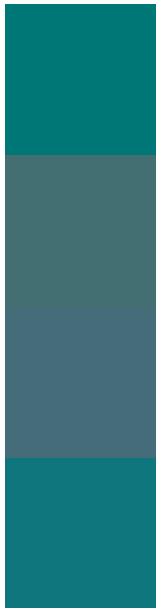
## Dichromacy





**Tritanopia**  
1472127

# Trichromacy



**Original Color**  
30583

**Protanomaly**  
4484978

**Deuteranomaly**  
4550009

**Tritanomaly**  
947836

# Monochromacy



**Original Color**  
30583

**Achromatopsia**  
5460819

**Achromatomaly**  
3498080

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 30583 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 #007777 looks like.

```
.text, #text, p{  
  color:#007777  
}
```

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 #007777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007777
}
```

## Border

The CSS property to change the border of an element to Decimal 30583 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
#007777 }
```

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

```
.border{ border-color:#007777 }
```

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

Here you see how a box with a 4 pixel #007777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007777; -webkit-box-shadow:4px 4px  
4px 4px #007777; box-shadow:4px 4px 4px  
4px #007777 }
```

# Background

The CSS property to change the background color of an element to Decimal 30583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007777 }
```

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

```
.background{ background-color:#007777 }
```

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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