

# Converting Colors

Decimal(95596)

Have a look what the booklet for  
Decimal(95596) contains.

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# Color

**Decimal(95596)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	01756C
RGB	1, 117, 108
RGB Percent	0%, 46%, 42%
CMY	0.9961, 0.5412, 0.5765
CMYK	0.99, 0.00, 0.08, 0.54
HSL	175°, 98%, 23%
HSV	175°, 99%, 46%
XYZ	9.0806, 13.8117, 16.3747
YIQ	81.2900, -66.2470, -27.3910

# Conversions

## Conversions Part 2

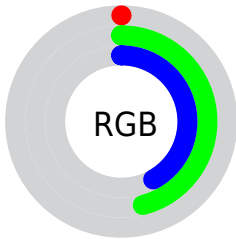
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 61, 117
Decimal	95596
CIELab	43.96, -29.88, -2.98
CIElCh	44, 30.029, 185.686
Yxy	13.8117, 0.2313, 0.3517
Android (android.graphics.Color)	4278285676 (0xFF01756C)
YUV	81.2900, 13.1680, -70.4143
Hunter-Lab	37.1642, -21.4231, -0.1085

# Details

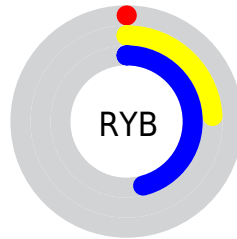
The Decimal color **95596** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7667978**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **5155487**, and **17469** is the 20% darker color. If you saturate the color by 10%, you get **30060**, and if you desaturate by 10%, it is **882029**.

# Distribution



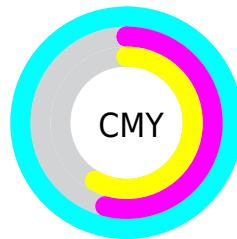
- Red (0%)
- Green (46%)
- Blue (42%)



- Red (0%)
- Yellow (24%)
- Blue (46%)



- Cyan (99%)
- Magenta (0%)
- Yellow (8%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 95596 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 95596 by changing the saturation by 10% instead.





95596



95596

16777215



23636



5155487



17469



6997434



11559



8839638



5907



10747634



0



12582911



14483455



16449535



95596



95596

■ 30060

■ 882029

■ 1602926

■ 2389359

■ 3175792

■ 3896689

■ 4683121

■ 5469554

■ 6255987

■ 6976884

# Harmonies

## Analogous

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



3765075



95596



29828

# Triad

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



95596



7430288



8937275

# Complementary

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



95596



7667978

# 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.



9787212



95596



9131901

# Square

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



95596



4811161



9917540



7563317

# Rectangle

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



95596



29328



9917540



9329727



# Sweetspot

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



95596



7051669



750849



3231050



13421772



5066061



# Same Dimension

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



95596



39309



83317



3488570



31345



64231



# Inverse Universe

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



7667978



10027020



7680257



3880245



7995401



16384019



# Previews

## White Background



This preview shows how the Decimal color 95596 looks on a white background.

### Color Contrast Check

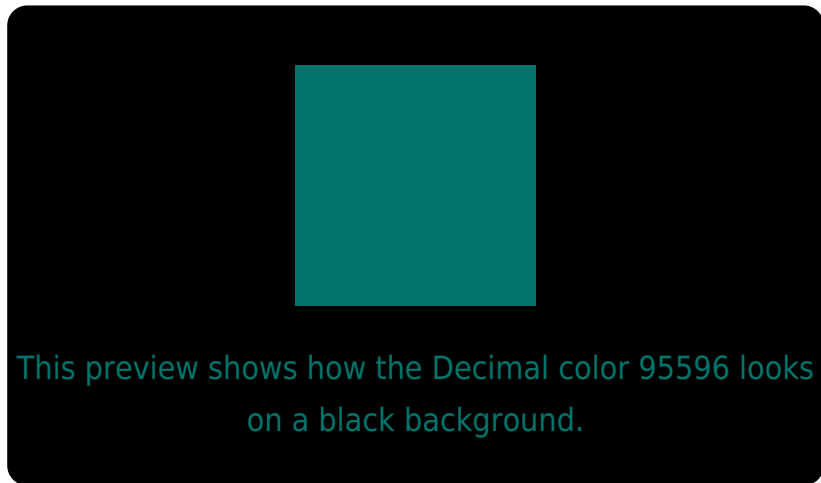
Large Text (above 18pt) WCAG AA ✓ Pass

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

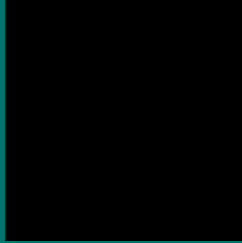
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 95596 Background



This preview shows how black text looks on a background with the Decimal color 95596.



This preview shows how white text looks on a background with the Decimal color 95596.

# 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



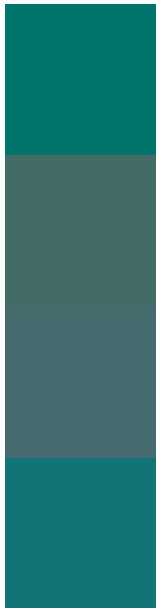
**Original Color**  
95596

**Protanopia**  
6973284

**Deuteranopia**  
7234928



# Trichromacy



**Original Color**  
95596

**Protanomaly**  
4484199

**Deuteranomaly**  
4615023

**Tritanomaly**  
1209462

# Monochromacy



**Original Color**  
95596

**Achromatopsia**  
5329233

**Achromatomaly**  
3432027

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 95596 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 #01756C looks like.

```
.text, #text, p{  
    color:#01756C  
}
```

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 #01756C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01756C
}
```

## Border

The CSS property to change the border of an element to Decimal 95596 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
#01756C }
```

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

```
.border{ border-color:#01756C }
```

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

Here you see how a box with a 4 pixel #01756C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01756C; -webkit-box-shadow:4px 4px  
4px 4px #01756C; box-shadow:4px 4px 4px  
4px #01756C }
```

# Background

The CSS property to change the background color of an element to Decimal 95596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01756C }
```

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

```
.background{ background-color:#01756C }
```

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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