

# Converting Colors

Decimal(83783)

Have a look what the booklet for  
Decimal(83783) contains.

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# Color

**Decimal(83783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	014747
RGB	1, 71, 71
RGB Percent	0%, 28%, 28%
CMY	0.9961, 0.7216, 0.7216
CMYK	0.99, 0.00, 0.00, 0.72
HSL	180°, 97%, 14%
HSV	180°, 99%, 28%
XYZ	3.4031, 4.9679, 6.7408
YIQ	50.0700, -41.7200, -14.8400

# Conversions

## Conversions Part 2

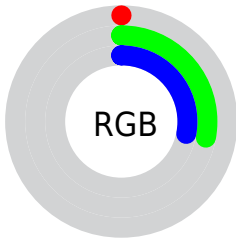
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 36, 71
Decimal	83783
CIE <sub>Lab</sub>	26.64, -19.01, -5.60
CIE <sub>LCh</sub>	27, 19.816, 196.404
Yxy	4.9679, 0.2252, 0.3287
Android (android.graphics.Color)	4278273863 (0xFF014747)
YUV	50.0700, 10.3185, -43.0344
Hunter-Lab	22.2887, -11.7515, -2.3290

# Details

The Decimal color **83783** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4653313**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **4094071**, and **7452** is the 20% darker color. If you saturate the color by 10%, you get **18247**, and if you desaturate by 10%, it is **542535**.

# Distribution



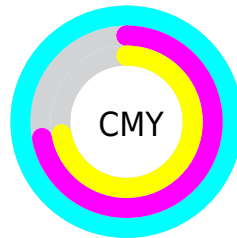
- Red (0%)
- Green (28%)
- Blue (28%)



- Red (0%)
- Yellow (14%)
- Blue (28%)



- Cyan (99%)
- Magenta (0%)
- Yellow (0%)
- Black (72%)



- Cyan (100%)
- Magenta (72%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 83783 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 83783 by changing the saturation by 10% instead.





83783



83783

16711679



12337



4094071



7452



5804689



0



7515307



9291975



11068643



12910591



14811135



83783



83783

■ 18247

■ 542535

■ 1001287

■ 1460039

■ 1918791

■ 2443079

■ 2901831

■ 3360583

■ 3819335

■ 4278087

# Harmonies

## Analogous

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



1787703



83783



18004

# Triad

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



83783



4929620



5192738

# Complementary

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



83783



4653313

# 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.



5846826



83783



5780551

# Square

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



83783



3554908



6042423



4276513

# Rectangle

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



83783



1066074



6042423



5454372



# Sweetspot

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



83783



4217948



83713



1912366



11382189



3026478



# Same Dimension

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



83783



23644



74823



2106404



25443



58339



# Inverse Universe

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



4653383



6029404



4662273



2367524



6488163



14876899



# Previews

## White Background



This preview shows how the Decimal color 83783 looks on a white background.

## Color Contrast Check

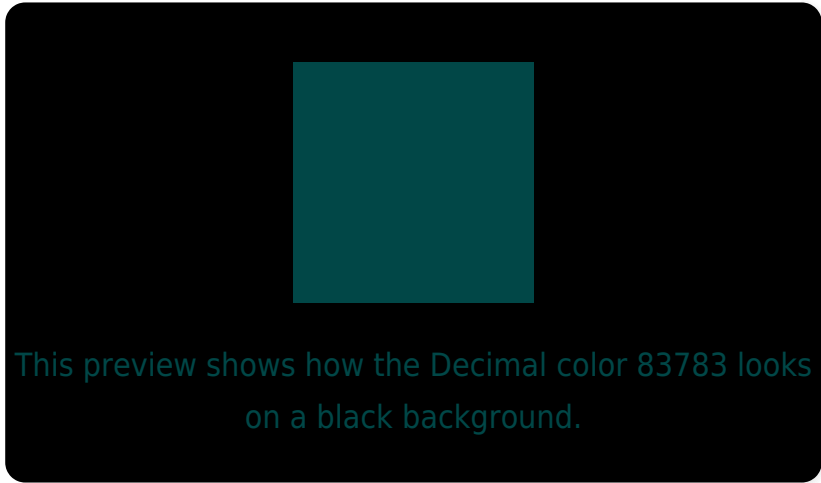
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

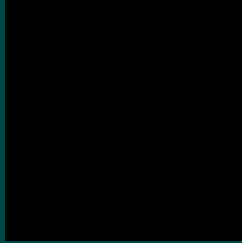
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 83783 Background



This preview shows how black text looks on a background with the Decimal color 83783.



This preview shows how white text looks on a background with the Decimal color 83783.

# 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**  
83783

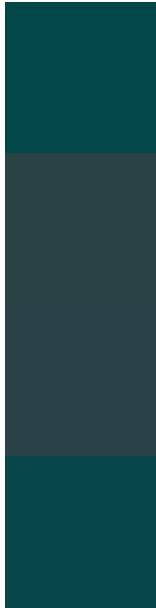
**Protanopia**  
4210498

**Deuteranopia**  
4275785



**Tritanopia**  
869964

# Trichromacy



**Original Color**  
83783

**Protanomaly**  
2703940

**Deuteranomaly**  
2769224

**Tritanomaly**  
607818

# Monochromacy



**Original Color**  
83783

**Achromatopsia**  
3289650

**Achromatomaly**  
2112058

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 83783 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 #014747 looks like.

```
.text, #text, p{  
    color:#014747  
}
```

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 #014747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014747  
}
```

## Border

The CSS property to change the border of an element to Decimal 83783 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  
#014747 }
```

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

```
.border{ border-color:#014747 }
```

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

Here you see how a box with a 4 pixel #014747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014747; -webkit-box-shadow:4px 4px  
4px 4px #014747; box-shadow:4px 4px 4px  
4px #014747 }
```

# Background

The CSS property to change the background color of an element to Decimal 83783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014747 }
```

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

```
.background{ background-color:#014747 }
```

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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