

# Converting Colors

Decimal(687503)

Have a look what the booklet for  
Decimal(687503) contains.

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# Color

**Decimal(687503)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A7D8F
RGB	10, 125, 143
RGB Percent	4%, 49%, 56%
CMY	0.9608, 0.5098, 0.4392
CMYK	0.93, 0.13, 0.00, 0.44
HSL	188°, 87%, 30%
HSV	188°, 93%, 56%
XYZ	12.4167, 16.7149, 28.5585
YIQ	92.6670, -74.3180, -18.7820

# Conversions

## Conversions Part 2

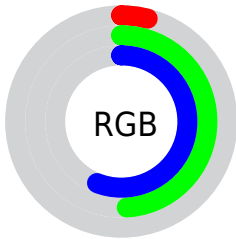
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 72, 143
Decimal	687503
CIELab	47.90, -21.72, -17.85
CIElCh	48, 28.117, 219.415
Yxy	16.7149, 0.2152, 0.2897
Android (android.graphics.Color)	4278877583 (0xFF0A7D8F)
YUV	92.6670, 24.8142, -72.4990
Hunter-Lab	40.8839, -17.3352, -12.7969

# Details

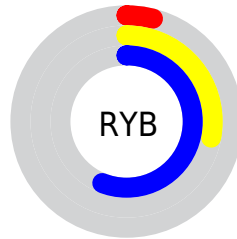
The Decimal color **687503** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **9378826**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **5747397**, and **19549** is the 20% darker color. If you saturate the color by 10%, you get **31887**, and if you desaturate by 10%, it is **1605519**.

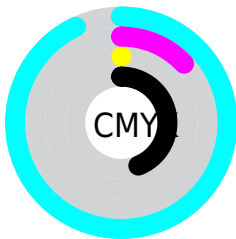
# Distribution



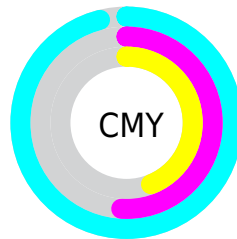
- Red (4%)
- Green (49%)
- Blue (56%)



- Red (4%)
- Yellow (28%)
- Blue (56%)



- Cyan (93%)
- Magenta (13%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (51%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 687503 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 687503 by changing the saturation by 10% instead.



687503

687503

16777215

25717

5747397

19549

7654881

13637

9562877

8239

11468799

282

13369343

0

15335423

687503

687503

31887

1605519

■ 2589071

■ 3507087

■ 4425103

■ 5343119

■ 6326671

■ 7244687

■ 8162447

■ 9145999

# Harmonies

## Analogous

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



2195065



687503



3307934

# Triad

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



687503



9790083



8024898

# Complementary

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



687503



9378826

# 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.



9399110



687503



10510187

# Square

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



687503



8284566



10314581



6322508

# Rectangle

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



687503



5141665



10314581



8548418



# Sweetspot

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



687503



8827834



691996



4086366



14606046



6184542



# Same Dimension

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



687503



41402



670607



4212295



30087



1800



# Inverse Universe

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



9374333



12189857



9395722



4669510



8847477



524295



# Previews

## White Background



This preview shows how the Decimal color 687503 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



This preview shows how the Decimal color 687503 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

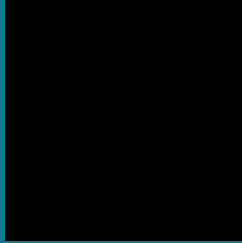
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 687503 Background



This preview shows how black text looks on a background with the Decimal color 687503.

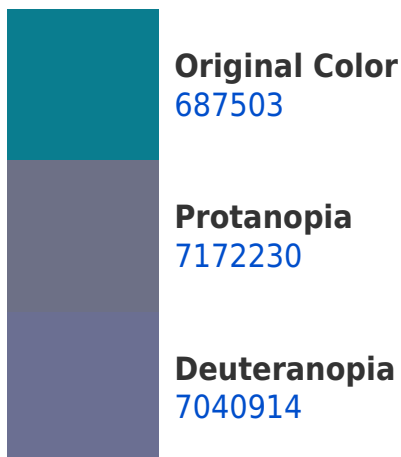


This preview shows how white text looks on a background with the Decimal color 687503.

# 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



# Trichromacy



**Original Color**  
687503

**Protanomaly**  
4814217

**Deuteranomaly**  
4748433

# Monochromacy



**Original Color**  
687503

**Achromatopsia**  
6118749

**Achromatomaly**  
4155759

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 687503 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 #0A7D8F looks like.

```
.text, #text, p{  
  color:#0A7D8F  
}
```

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 #0A7D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A7D8F
}
```

## Border

The CSS property to change the border of an element to Decimal 687503 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
#0A7D8F }
```

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

```
.border{ border-color:#0A7D8F }
```

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

Here you see how a box with a 4 pixel #0A7D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A7D8F; -webkit-box-shadow:4px 4px  
4px 4px #0A7D8F; box-shadow:4px 4px 4px  
4px #0A7D8F }
```

# Background

The CSS property to change the background color of an element to Decimal 687503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A7D8F }
```

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

```
.background{ background-color:#0A7D8F }
```

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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