

# Converting Colors

Decimal(814715)

Have a look what the booklet for  
Decimal(814715) contains.

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# Color

**Decimal(814715)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C6E7B
RGB	12, 110, 123
RGB Percent	5%, 43%, 48%
CMY	0.9529, 0.5686, 0.5176
CMYK	0.90, 0.11, 0.00, 0.52
HSL	187°, 82%, 26%
HSV	187°, 90%, 48%
XYZ	9.3027, 12.6601, 20.6922
YIQ	82.1800, -62.5810, -16.7330

# Conversions

## Conversions Part 2

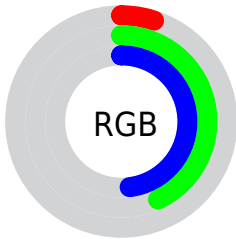
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 64, 123
Decimal	814715
CIELab	42.25, -20.64, -14.56
CIELCh	42, 25.259, 215.203
Yxy	12.6601, 0.2181, 0.2968
Android (android.graphics.Color)	4279004795 (0xFF0C6E7B)
YUV	82.1800, 20.1243, -61.5479
Hunter-Lab	35.5810, -15.5977, -9.5735

# Details

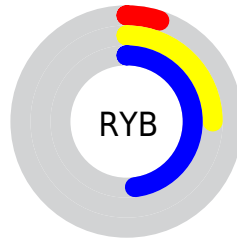
The Decimal color **814715** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8067340**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **5415599**, and **15946** is the 20% darker color. If you saturate the color by 10%, you get **28027**, and if you desaturate by 10%, it is **1601403**.

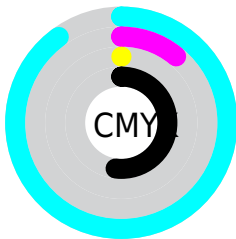
# Distribution



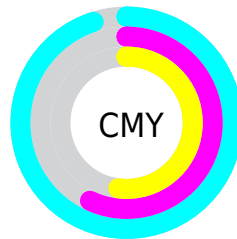
- Red (5%)
- Green (43%)
- Blue (48%)



- Red (5%)
- Yellow (25%)
- Blue (48%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)
- Black (52%)



- Cyan (95%)
- Magenta (57%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 814715 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 814715 by changing the saturation by 10% instead.



814715 814715

16777215 21858

5415599 15946

7257547 10292

9099751 4127

10941951 3

12845055 0

14745599

16711679

814715 814715

■ 28027

■ 1601403

■ 2453883

■ 3240571

■ 4027515

■ 4814203

■ 5666683

■ 6453371

■ 7240315

■ 8092539

# Harmonies

## Analogous

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



2256743



814715



2583433

# Triad

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



814715



8476278



7234618

# Complementary

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



814715



8067340

# 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.



8412222



814715



9196385

# Square

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



814715



7036294



9131597



5794369

# Rectangle

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



814715



4220813



9131597



7692602



# Sweetspot

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



814715



7707809



817945



3624786



13750737



5395026



# Same Dimension

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



814715



36513



800635



3619901



28285



57340



# Inverse Universe

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



8064110



10551438



8081420



4011836



8192110



16515295



# Previews

## White Background



This preview shows how the Decimal color 814715 looks on a white background.

### Color Contrast Check

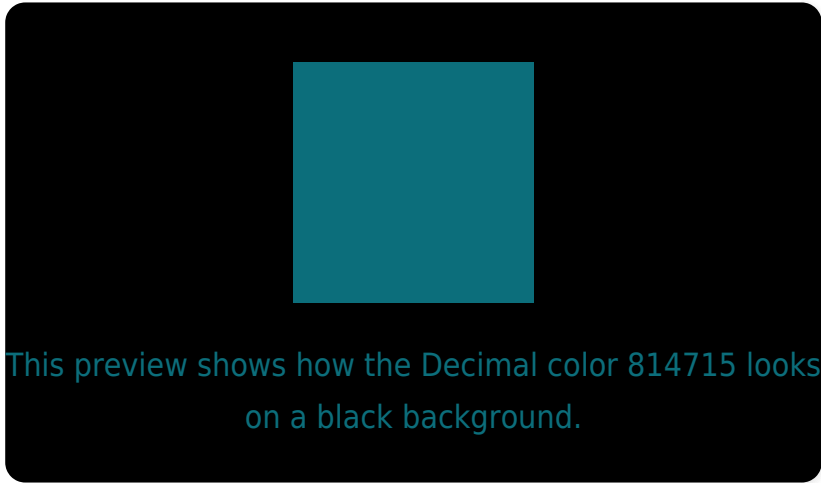
Large Text (above 18pt) WCAG AA ✓ Pass

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

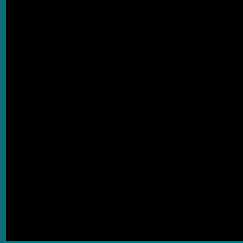
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 814715 Background



This preview shows how black text looks on a background with the Decimal color 814715.

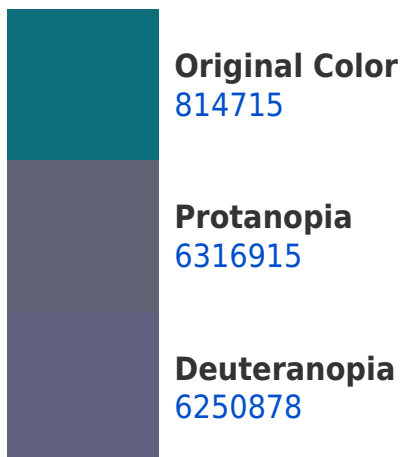


This preview shows how white text looks on a background with the Decimal color 814715.

# Color Blindness Simulation

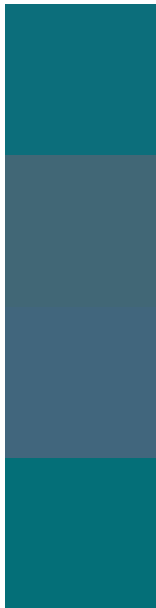
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
814715

**Protanomaly**  
4286326

**Deuteranomaly**  
4286077

**Tritanomaly**  
290680

# Monochromacy



**Original Color**  
814715

**Achromatopsia**  
5395026

**Achromatomaly**  
3759201

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 814715 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 #0C6E7B looks like.

```
.text, #text, p{  
    color:#0C6E7B  
}
```

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 #0C6E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6E7B
}
```

## Border

The CSS property to change the border of an element to Decimal 814715 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
#0C6E7B }
```

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

```
.border{ border-color:#0C6E7B }
```

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

Here you see how a box with a 4 pixel #0C6E7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6E7B; -webkit-box-shadow:4px 4px  
4px 4px #0C6E7B; box-shadow:4px 4px 4px  
4px #0C6E7B }
```

# Background

The CSS property to change the background color of an element to Decimal 814715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6E7B }
```

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

```
.background{ background-color:#0C6E7B }
```

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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