

# Converting Colors

Decimal(17758)

Have a look what the booklet for  
Decimal(17758) contains.

<b>Decimal(17758)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(17758)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00455E
RGB	0, 69, 94
RGB Percent	0%, 27%, 37%
CMY	1.0000, 0.7294, 0.6314
CMYK	1.00, 0.27, 0.00, 0.63
HSL	196°, 100%, 18%
HSV	196°, 100%, 37%
XYZ	4.1485, 5.0644, 11.3486
YIQ	51.2190, -49.1490, -6.8530

# Conversions

## Conversions Part 2

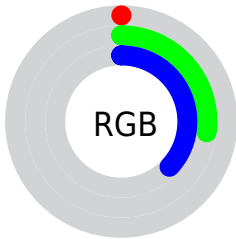
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 40, 94
Decimal	17758
CIELab	26.92, -8.95, -20.13
CIELCh	27, 22.024, 246.037
Yxy	5.0644, 0.2018, 0.2463
Android (android.graphics.Color)	4278207838 (0xFF00455E)
YUV	51.2190, 21.0910, -44.9191
Hunter-Lab	22.5042, -6.4771, -14.1461

# Details

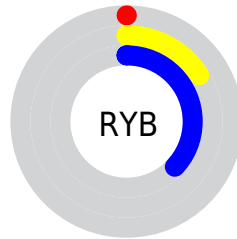
The Decimal color **17758** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **6166784**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **4355473**, and **6704** is the 20% darker color. If you saturate the color by 10%, you get **17758**, and if you desaturate by 10%, it is **608094**.

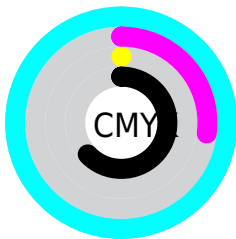
# Distribution



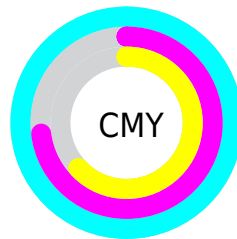
- Red (0%)
- Green (27%)
- Blue (37%)



- Red (0%)
- Yellow (16%)
- Blue (37%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (63%)



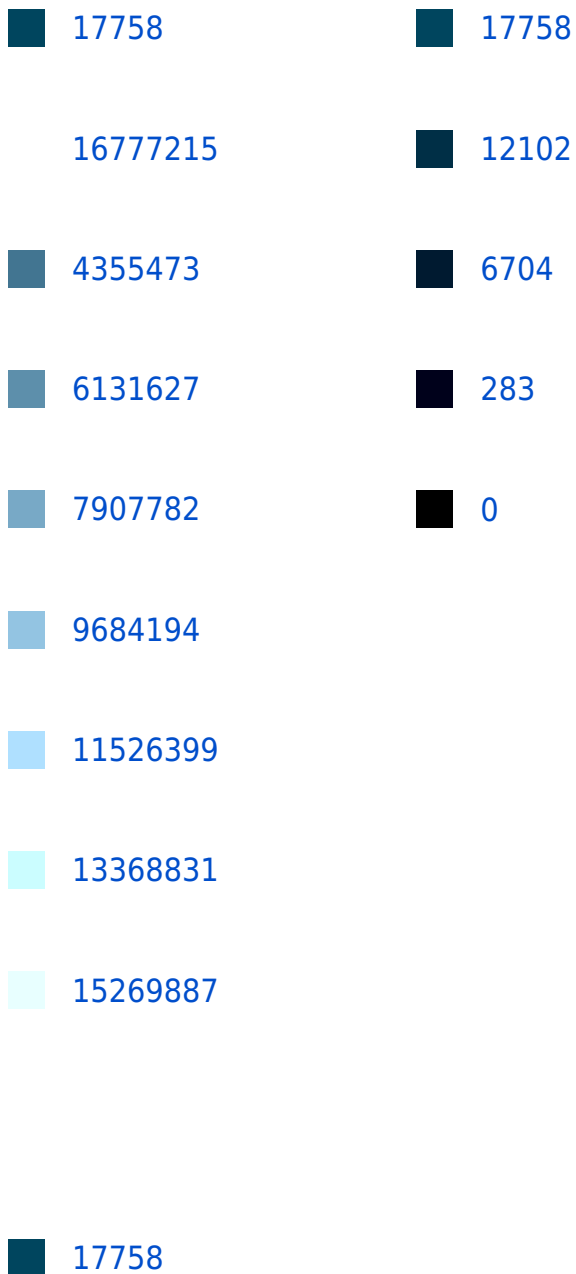
- Cyan (100%)
- Magenta (73%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 17758 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 17758 by changing the saturation by 10% instead.





■ 608094

■ 1264222

■ 1854814

■ 2510686

■ 3101278

■ 3691614

■ 4347742

■ 4938078

■ 5594206

# Harmonies

## Analogous

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



18515



17758



2834529

# Triad

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



17758



6238781



3490852

# Complementary

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



17758



6166784

# 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.



4669469



17758



6173741

# Square

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



17758



5715022



5585441



2049841

# Rectangle

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



17758



4078686



5585441



3883809



# Sweetspot

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



17758



5665146



24088



2570045



12434877



4013373



# Same Dimension

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



17758



23162



6238



2698542



20590



44781



# Inverse Universe

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



6160453



7995482



6178560



3025197



7209040



15532206



# Previews

## White Background



This preview shows how the Decimal color 17758 looks on a white background.

## Color Contrast Check

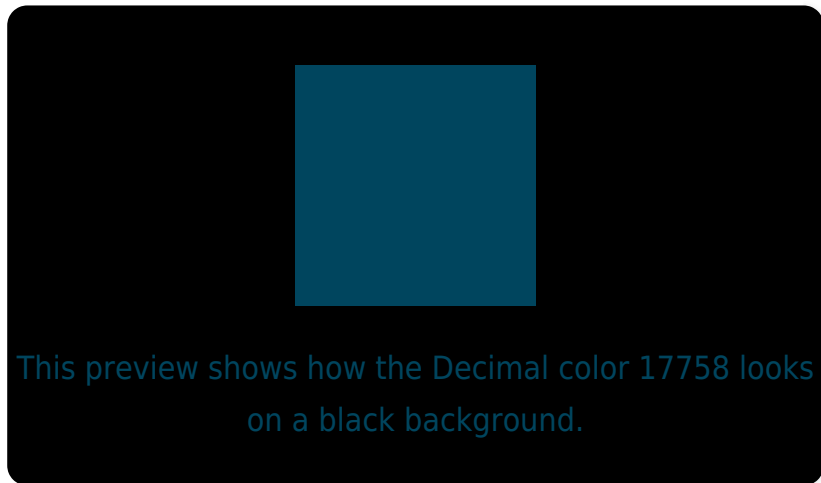
Large Text (above 18pt) WCAG AA ✓ Pass

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

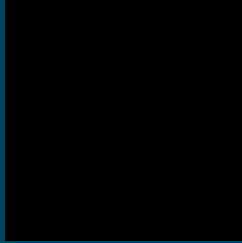
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 17758 Background



This preview shows how black text looks on a background with the Decimal color 17758.

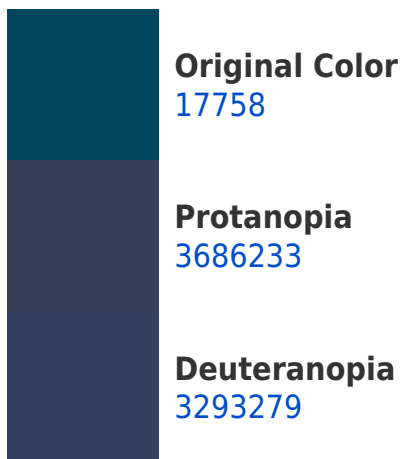


This preview shows how white text looks on a background with the Decimal color 17758.

# Color Blindness Simulation

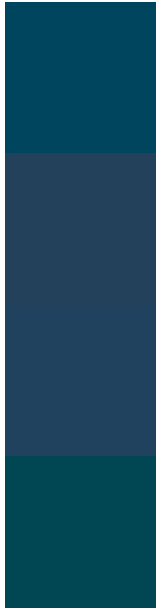
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
17758

**Protanomaly**  
2376027

**Deuteranomaly**  
2114143

**Tritanomaly**  
18003

# Monochromacy



**Original Color**  
17758

**Achromatopsia**  
3355443

**Achromatomaly**  
2112067

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 17758 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 #00455E looks like.

```
.text, #text, p{  
    color:#00455E  
}
```

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 #00455E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00455E
}
```

## Border

The CSS property to change the border of an element to Decimal 17758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

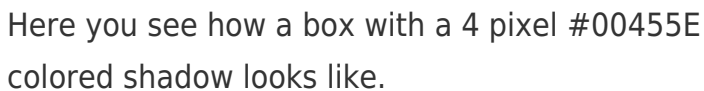
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00455E }
```

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

```
.border{ border-color:#00455E }
```

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



Here you see how a box with a 4 pixel #00455E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00455E; -webkit-box-shadow:4px 4px  
4px 4px #00455E; box-shadow:4px 4px 4px  
4px #00455E }
```

# Background

The CSS property to change the background color of an element to Decimal 17758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00455E }
```

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

```
.background{ background-color:#00455E }
```

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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