

# Converting Colors

Decimal(87378)

Have a look what the booklet for  
Decimal(87378) contains.

<b>Decimal(87378)</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(87378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	015552
RGB	1, 85, 82
RGB Percent	0%, 33%, 32%
CMY	0.9961, 0.6667, 0.6784
CMYK	0.99, 0.00, 0.04, 0.67
HSL	178°, 98%, 17%
HSV	178°, 99%, 33%
XYZ	4.7840, 7.1126, 9.1034
YIQ	59.5420, -49.1010, -18.7410

# Conversions

## Conversions Part 2

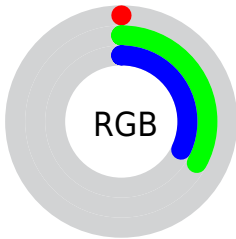
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 44, 85
Decimal	87378
CIE <sub>Lab</sub>	32.06, -22.55, -4.59
CIE <sub>LCh</sub>	32, 23.016, 191.498
Yxy	7.1126, 0.2278, 0.3387
Android (android.graphics.Color)	4278277458 (0xFF015552)
YUV	59.5420, 11.0718, -51.3413
Hunter-Lab	26.6695, -14.6522, -1.5694

# Details

The Decimal color **87378** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5570820**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **4425603**, and **10021** is the 20% darker color. If you saturate the color by 10%, you get **21842**, and if you desaturate by 10%, it is **611666**.

# Distribution



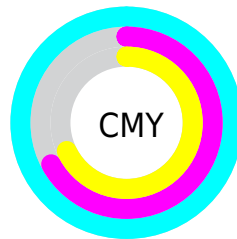
- Red (0%)
- Green (33%)
- Blue (32%)



- Red (0%)
- Yellow (17%)
- Blue (33%)



- Cyan (99%)
- Magenta (0%)
- Yellow (4%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 87378 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 87378 by changing the saturation by 10% instead.





87378



87378

16777215



15675



4425603



10021



6202013



3601



7912888



0



9755092



11531760



13434879



15335423



87378



87378

■ 21842

■ 611666

■ 1201491

■ 1725779

■ 2315603

■ 2839892

■ 3429716

■ 3954004

■ 4543828

■ 5068117

# Harmonies

## Analogous

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



2446399



87378



21603

# Triad

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



87378



5653607



6374953

# Complementary

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



87378



5570820

# 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.



7028788



87378



6766423

# Square

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



87378



3951471



7224645



5262631

# Rectangle

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



87378



545387



7224645



6636588



# Sweetspot

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



87378



5074540



349441



2373687



12105912



3684408



# Same Dimension

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



87378



28266



77653



2566955



27495



60386



# Inverse Universe

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



5570820



7208964



5580545



2828071



7012356



15400968



# Previews

## White Background



This preview shows how the Decimal color 87378 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

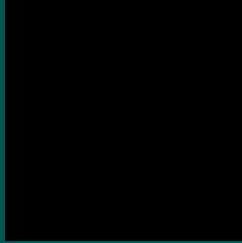
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 87378 Background



This preview shows how black text looks on a background with the Decimal color 87378.



This preview shows how white text looks on a background with the Decimal color 87378.

# 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



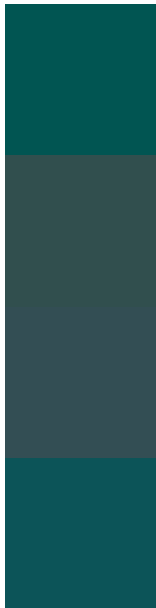
**Original Color**  
87378

**Protanopia**  
5065548

**Deuteranopia**  
5196373



# Trichromacy



**Original Color**  
87378

**Protanomaly**  
3231566

**Deuteranomaly**  
3362388

**Tritanomaly**  
808024

# Monochromacy



**Original Color**  
87378

**Achromatopsia**  
3947580

**Achromatomaly**  
2573636

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 87378 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 #015552 looks like.

```
.text, #text, p{  
  color:#015552  
}
```

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 #015552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #015552
}
```

## Border

The CSS property to change the border of an element to Decimal 87378 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
#015552 }
```

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

```
.border{ border-color:#015552 }
```

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

Here you see how a box with a 4 pixel #015552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #015552; -webkit-box-shadow:4px 4px  
4px 4px #015552; box-shadow:4px 4px 4px  
4px #015552 }
```

# Background

The CSS property to change the background color of an element to Decimal 87378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#015552 }
```

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

```
.background{ background-color:#015552 }
```

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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