

# Converting Colors

Decimal(17736)

Have a look what the booklet for  
Decimal(17736) contains.

<b>Decimal(17736)</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(17736)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004548
RGB	0, 69, 72
RGB Percent	0%, 27%, 28%
CMY	1.0000, 0.7294, 0.7176
CMYK	1.00, 0.04, 0.00, 0.72
HSL	183°, 100%, 14%
HSV	183°, 100%, 28%
XYZ	3.2978, 4.7241, 6.8689
YIQ	48.7110, -42.0870, -13.6950

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 35, 72
Decimal	17736
CIELab	25.93, -17.67, -7.32
CIELCh	26, 19.125, 202.495
Yxy	4.7241, 0.2215, 0.3172
Android (android.graphics.Color)	4278207816 (0xFF004548)
YUV	48.7110, 11.4815, -42.7195
Hunter-Lab	21.7350, -10.9528, -3.5229

# Details

The Decimal color **17736** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4719360**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **4028024**, and **6941** is the 20% darker color. If you saturate the color by 10%, you get **17736**, and if you desaturate by 10%, it is **476488**.

# Distribution



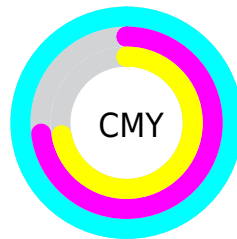
- Red (0%)
- Green (27%)
- Blue (28%)



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



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (72%)






- Cyan (100%)
- Magenta (73%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 17736 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 17736 by changing the saturation by 10% instead.



 17736	 17736
 16646143	 11826
 4028024	 6941
 5738386	 1
 7449261	 0
 9225672	
 11002340	
 12844799	
 14745599	
 17736	

■ 476488

■ 935496

■ 1459784

■ 1918536

■ 2377288

■ 2836296

■ 3295048

■ 3819336

■ 4278344

# Harmonies

## Analogous

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



1525049



17736



279380

# Triad

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



17736



4994639



4864800

# Complementary

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



17736



4719360

# 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.



5584423



17736



5714498

# Square

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



17736



3816280



5911347



3948578

# Rectangle

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



17736



1589593



5911347



5126690



# Sweetspot

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



17736



4349278



18434



2043952



11579568



3158064



# Same Dimension

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



17736



23134



8776



2106404



24419



55779



# Inverse Universe

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



4718661



6160474



4728320



2367524



6488159



14876889



# Previews

## White Background



This preview shows how the Decimal color 17736 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

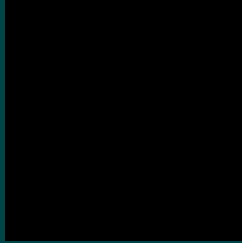
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 17736 Background



This preview shows how black text looks on a background with the Decimal color 17736.

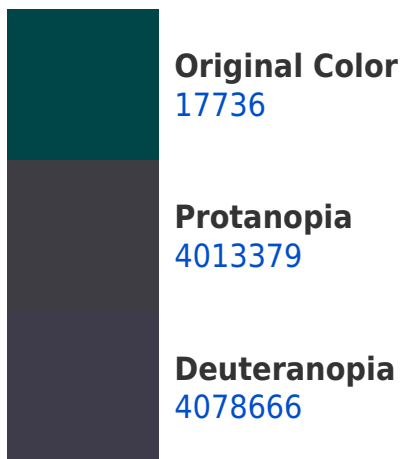


This preview shows how white text looks on a background with the Decimal color 17736.

# 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](#).

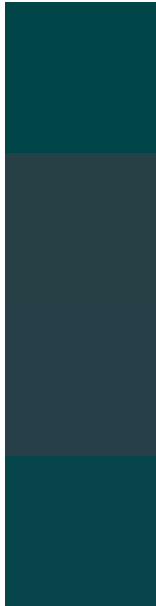
## Dichromacy





**Tritanopia**  
607562

# Trichromacy



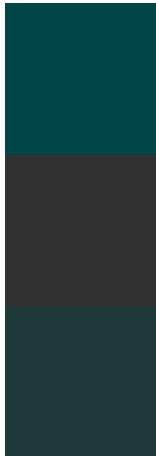
**Original Color**  
17736

**Protanomaly**  
2572357

**Deuteranomaly**  
2572105

**Tritanomaly**  
410953

# Monochromacy



**Original Color**  
17736

**Achromatopsia**  
3223857

**Achromatomaly**  
2046009

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 17736 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 #004548 looks like.

```
.text, #text, p{  
    color:#004548  
}
```

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 #004548 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004548  
}
```

## Border

The CSS property to change the border of an element to Decimal 17736 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  
#004548 }
```

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

```
.border{ border-color:#004548 }
```

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

Here you see how a box with a 4 pixel #004548 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004548; -webkit-box-shadow:4px 4px  
4px 4px #004548; box-shadow:4px 4px 4px  
4px #004548 }
```

# Background

The CSS property to change the background color of an element to Decimal 17736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004548 }
```

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

```
.background{ background-color:#004548 }
```

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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