

# Converting Colors

Decimal(17715)

Have a look what the booklet for  
Decimal(17715) contains.

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# Color

**Decimal(17715)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004533
RGB	0, 69, 51
RGB Percent	0%, 27%, 20%
CMY	1.0000, 0.7294, 0.8000
CMYK	1.00, 0.00, 0.26, 0.73
HSL	164°, 100%, 14%
HSV	164°, 100%, 27%
XYZ	2.7257, 4.4953, 3.8560
YIQ	46.3170, -35.3460, -20.2260

# Conversions

## Conversions Part 2

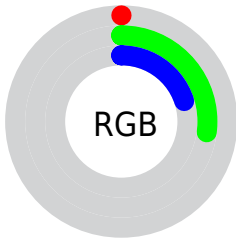
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 40, 69
Decimal	17715
CIELab	25.25, -24.74, 5.43
CIELCh	25, 25.329, 167.610
Yxy	4.4953, 0.2461, 0.4058
Android (android.graphics.Color)	4278207795 (0xFF004533)
YUV	46.3170, 2.3087, -40.6200
Hunter-Lab	21.2020, -14.1562, 4.0584

# Details

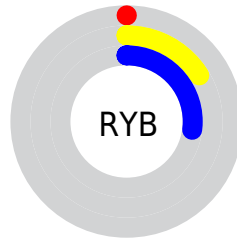
The Decimal color **17715** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4522002**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **3831393**, and **6917** is the 20% darker color. If you saturate the color by 10%, you get **17715**, and if you desaturate by 10%, it is **476469**.

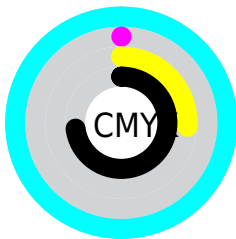
# Distribution



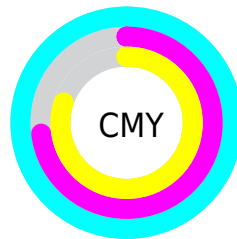
- Red (0%)
- Green (27%)
- Blue (20%)



- Red (0%)
- Yellow (16%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (73%)




- Cyan (100%)
- Magenta (73%)
- Yellow (80%)

# Brightness & Saturation Gradients



These gradients show how the Decimal color 17715 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 17715 by changing the saturation by 10% instead.



 17715  17715

 16383999  11806

 3831393  6917

 5542010  0

 7252628

 8963759

 10740426

 12582886

 14483455

 17715

■ 476469

■ 935223

■ 1393976

■ 1852730

■ 2311484

■ 2704702

■ 3163456

■ 3622209

■ 4080963

# Harmonies

## Analogous

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



2507553



17715



17735

# Triad

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



17715



3160672



5976352

# Complementary

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



17715



4522002

# 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.



6302769



17715



4928086

# Square

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



17715



16481



5975109



5126166

# Rectangle

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



17715



17747



5975109



6106917



# Sweetspot

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



17715



4086098



1197312



1912362



11382189



3026478



# Same Dimension

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



17715



22850



13637



2106403



25418



58280



# Inverse Universe

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



4522002



5832727



4526080



2367521



6488090

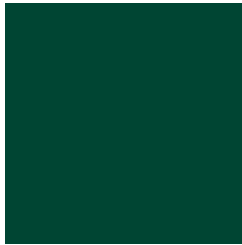


14876731



# Previews

## White Background



This preview shows how the Decimal color 17715 looks on a white background.

## Color Contrast Check

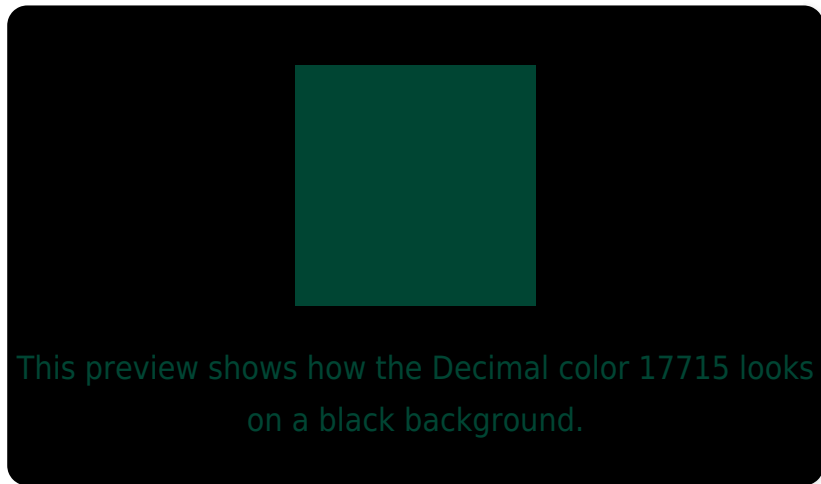
Large Text (above 18pt) WCAG AA ✓ Pass

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

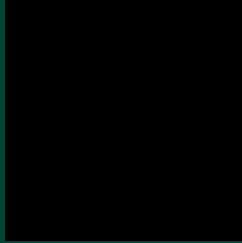
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 17715 Background



This preview shows how black text looks on a background with the Decimal color 17715.



This preview shows how white text looks on a background with the Decimal color 17715.

# 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](#).

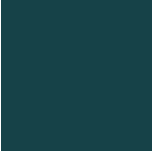
## Dichromacy



**Original Color**  
17715

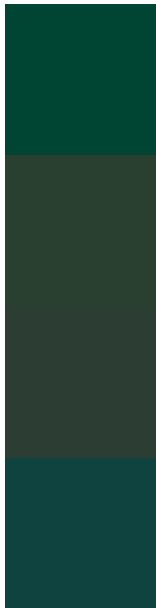
**Protanopia**  
4209711

**Deuteranopia**  
4536885



**Tritanopia**  
1458760

# Trichromacy



**Original Color**  
17715

**Protanomaly**  
2703152

**Deuteranomaly**  
2899508

**Tritanomaly**  
934720

# Monochromacy



**Original Color**  
17715

**Achromatopsia**  
3026478

**Achromatomaly**  
1914416

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 17715 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 #004533 looks like.

```
.text, #text, p{  
    color:#004533  
}
```

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 #004533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004533
}
```

## Border

The CSS property to change the border of an element to Decimal 17715 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
#004533 }
```

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

```
.border{ border-color:#004533 }
```

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

Here you see how a box with a 4 pixel #004533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004533; -webkit-box-shadow:4px 4px  
4px 4px #004533; box-shadow:4px 4px 4px  
4px #004533 }
```

# Background

The CSS property to change the background color of an element to Decimal 17715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004533 }
```

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

```
.background{ background-color:#004533 }
```

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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