

# Converting Colors

Decimal(17491)

Have a look what the booklet for  
Decimal(17491) contains.

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# Color

**Decimal(17491)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004453
RGB	0, 68, 83
RGB Percent	0%, 27%, 33%
CMY	1.0000, 0.7333, 0.6745
CMYK	1.00, 0.18, 0.00, 0.67
HSL	191°, 100%, 16%
HSV	191°, 100%, 33%
XYZ	3.6285, 4.7588, 8.9109
YIQ	49.3780, -45.3430, -9.7510

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 37, 83
Decimal	17491
CIELab	26.04, -12.83, -14.36
CIELCh	26, 19.256, 228.207
Yxy	4.7588, 0.2098, 0.2751
Android (android.graphics.Color)	4278207571 (0xFF004453)
YUV	49.3780, 16.5756, -43.3045
Hunter-Lab	21.8146, -8.4854, -8.9487

# Details

The Decimal color **17491** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5443328**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **4158597**, and **6694** is the 20% darker color. If you saturate the color by 10%, you get **17491**, and if you desaturate by 10%, it is **542035**.

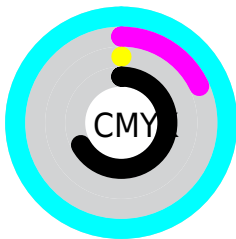
# Distribution



- Red (0%)
- Green (27%)
- Blue (33%)



- Red (0%)
- Yellow (15%)
- Blue (33%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (67%)


















- Cyan (100%)
- Magenta (73%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 17491 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 17491 by changing the saturation by 10% instead.



 17491	 17491
 16777215	 11836
 4158597	 6694
 5934751	 273
 7645370	 0
 9422037	
 11198706	
 13106431	
 14942207	
 17491	

■ 542035

■ 1132371

■ 1656915

■ 2181715

■ 2706259

■ 3296595

■ 3821139

■ 4345939

■ 4936275

# Harmonies

## Analogous

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



148806



17491



1917274

# Triad

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



17491



5649220



4079649

# Complementary

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



17491



5443328

# 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.



4995873



17491



5911093

# Square

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



17491



4863825



5649960



3031850

# Rectangle

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



17491



3096154



5649960



4406816



# Sweetspot

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



17491



4941163



21262



2241078



11908533



3552822



# Same Dimension

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



17491



22635



7251



2435113



22121



48872



# Inverse Universe

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



5439556



7012440



5453568



2696488



6881366



15204542



# Previews

## White Background



This preview shows how the Decimal color 17491 looks on a white background.

## Color Contrast Check

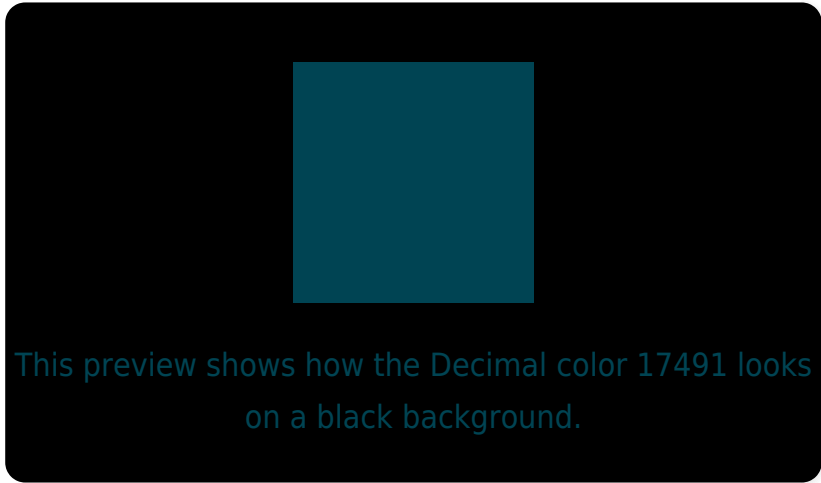
Large Text (above 18pt) WCAG AA ✓ Pass

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

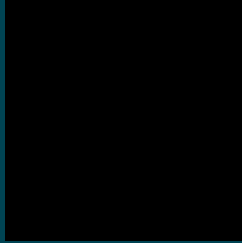
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 17491 Background



This preview shows how black text looks on a background with the Decimal color 17491.



This preview shows how white text looks on a background with the Decimal color 17491.

# 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



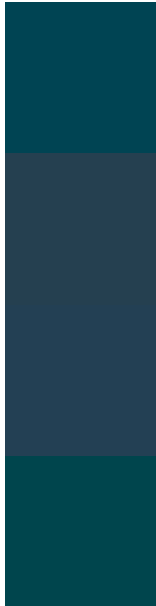
**Original Color**  
17491

**Protanopia**  
3816782

**Deuteranopia**  
3620181



# Trichromacy



**Original Color**  
17491

**Protanomaly**  
2441296

**Deuteranomaly**  
2310228

**Tritanomaly**  
17741

# Monochromacy



**Original Color**  
17491

**Achromatopsia**  
3223857

**Achromatomaly**  
2046013

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 17491 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 #004453 looks like.

```
.text, #text, p{  
    color:#004453  
}
```

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 #004453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004453
}
```

## Border

The CSS property to change the border of an element to Decimal 17491 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
#004453 }
```

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

```
.border{ border-color:#004453 }
```

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

Here you see how a box with a 4 pixel #004453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004453; -webkit-box-shadow:4px 4px  
4px 4px #004453; box-shadow:4px 4px 4px  
4px #004453 }
```

# Background

The CSS property to change the background color of an element to Decimal 17491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004453 }
```

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

```
.background{ background-color:#004453 }
```

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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