

Converting Colors

Decimal(17489)

Have a look what the booklet for
Decimal(17489) contains.

Decimal(17489)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Decimal(17489)

Conversions

Conversions Part 1

Format	Color
Hex	004451
RGB	0, 68, 81
RGB Percent	0%, 27%, 32%
CMY	1.0000, 0.7333, 0.6824
CMYK	1.00, 0.16, 0.00, 0.68
HSL	190°, 100%, 16%
HSV	190°, 100%, 32%
XYZ	3.5523, 4.7283, 8.5100
YIQ	49.1500, -44.7010, -10.3730

Conversions

Conversions Part 2

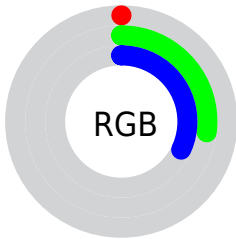
Format	Color
RYB	0, 37, 81
Decimal	17489
CIELab	25.95, -13.63, -13.19
CIELCh	26, 18.968, 224.055
Yxy	4.7283, 0.2116, 0.2816
Android (android.graphics.Color)	4278207569 (0xFF004451)
YUV	49.1500, 15.7020, -43.1045
Hunter-Lab	21.7447, -8.8926, -7.9824

Details

The Decimal color **17489** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5311744**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **4158594**, and **6692** is the 20% darker color. If you saturate the color by 10%, you get **17489**, and if you desaturate by 10%, it is **542033**.

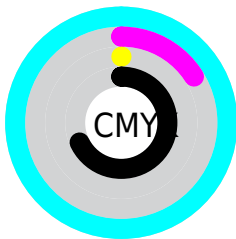
Distribution



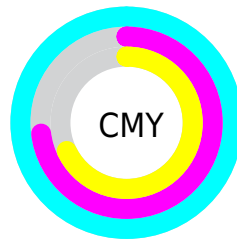
- Red (0%)
- Green (27%)
- Blue (32%)



- Red (0%)
- Yellow (15%)
- Blue (32%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (68%)

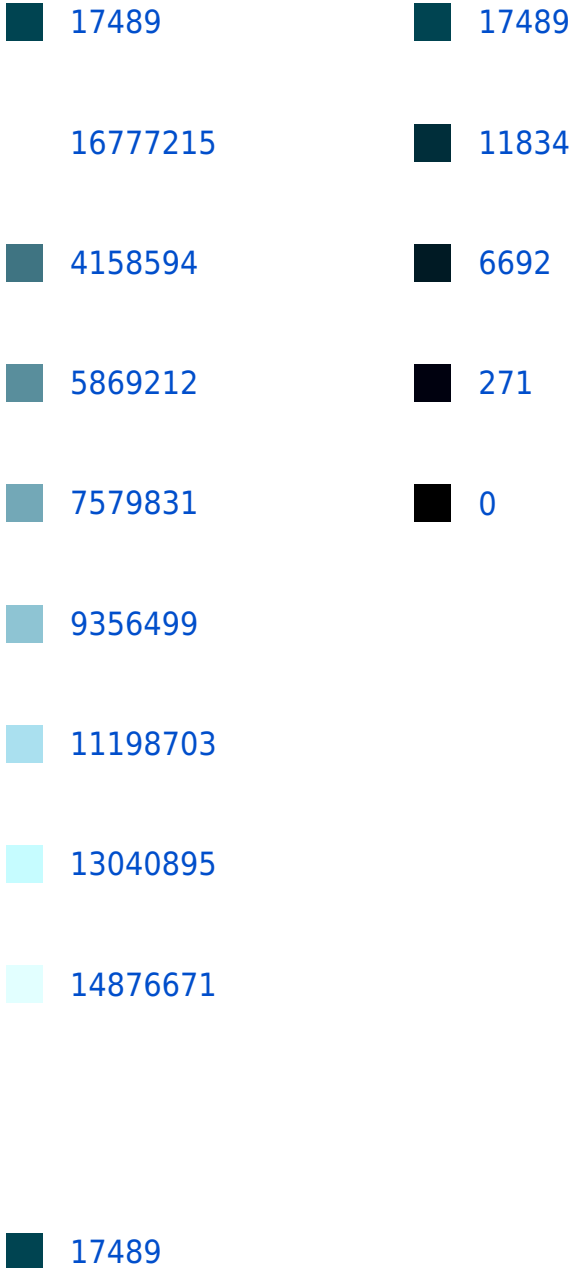


- Cyan (100%)
- Magenta (73%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17489 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 17489 by changing the saturation by 10% instead.



■ 542033

■ 1066833

■ 1591377

■ 2115921

■ 2706257

■ 3230801

■ 3755345

■ 4279889

■ 4804689

Harmonies

Analogous

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



410948



17489



1720665

Triad

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



17489



5583686



4210465

Complementary

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



17489



5311744

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.



5061154



17489



5845559

Square

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



17489



4732754



5715242



3162664

Rectangle

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



17489



2899546



5715242



4537632

Sweetspot

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



17489



4809833



20748



2241078



11908533



3552822

Same Dimension

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



17489



22633



7249



2435113



50152

Inverse Universe

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



5308484



6881368



5321984



2696488



15204547

Previews

White Background



This preview shows how the Decimal color 17489 looks on a white background.

Color Contrast Check

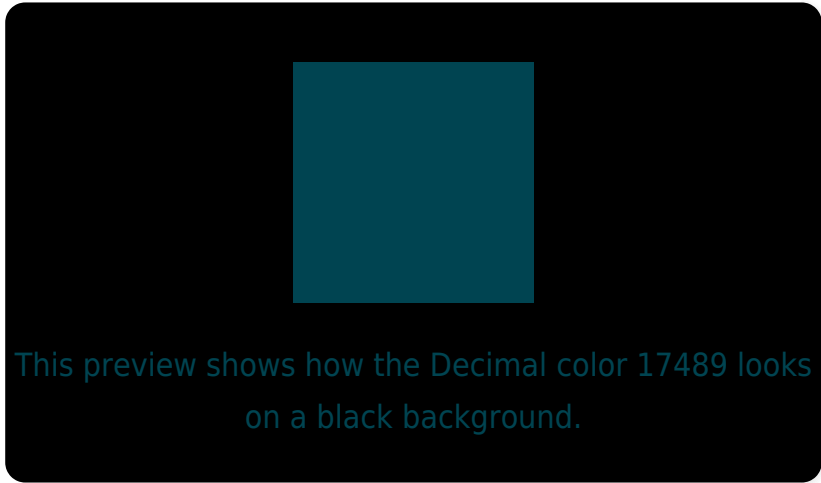
Large Text (above 18pt) WCAG AA ✓ Pass

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

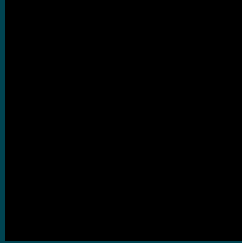
Any Text WCAG AA × Fail

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 17489 Background



This preview shows how black text looks on a background with the Decimal color 17489.



This preview shows how white text looks on a background with the Decimal color 17489.

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

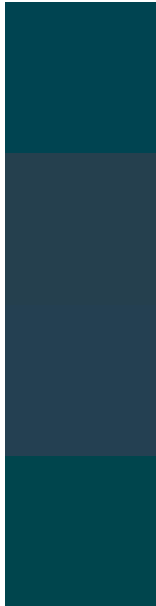


Original Color
17489

Protanopia
3816780

Deuteranopia
3685715

Trichromacy



Original Color
17489

Protanomaly
2441294

Deuteranomaly
2375762

Tritanomaly
17741

Monochromacy



Original Color
17489

Achromatopsia
3223857

Achromatomaly
2046013

CSS Examples

Text

The CSS property to change the color of the text to Decimal 17489 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 #004451 looks like.

```
.text, #text, p{  
    color:#004451  
}
```

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 #004451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004451
}
```

Border

The CSS property to change the border of an element to Decimal 17489 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
#004451 }
```

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

```
.border{ border-color:#004451 }
```

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

Here you see how a box with a 4 pixel #004451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004451; -webkit-box-shadow:4px 4px  
4px 4px #004451; box-shadow:4px 4px 4px  
4px #004451 }
```

Background

The CSS property to change the background color of an element to Decimal 17489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004451 }
```

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

```
.background{ background-color:#004451 }
```

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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