

Converting Colors

Decimal(17999)

Have a look what the booklet for
Decimal(17999) contains.

Decimal(17999)	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(17999)

Conversions

Conversions Part 1

Format	Color
Hex	00464F
RGB	0, 70, 79
RGB Percent	0%, 27%, 31%
CMY	1.0000, 0.7255, 0.6902
CMYK	1.00, 0.11, 0.00, 0.69
HSL	187°, 100%, 15%
HSV	187°, 100%, 31%
XYZ	3.6014, 4.9448, 8.1618
YIQ	50.0960, -44.6090, -12.0410

Conversions

Conversions Part 2

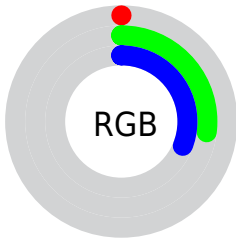
Format	Color
RYB	0, 37, 79
Decimal	17999
CIELab	26.58, -15.58, -10.92
CIELCh	27, 19.028, 215.019
Yxy	4.9448, 0.2156, 0.2960
Android (android.graphics.Color)	4278208079 (0xFF00464F)
YUV	50.0960, 14.2497, -43.9342
Hunter-Lab	22.2370, -10.0053, -6.1957

Details

The Decimal color **17999** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5179648**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **4159360**, and **7203** is the 20% darker color. If you saturate the color by 10%, you get **17999**, and if you desaturate by 10%, it is **542543**.

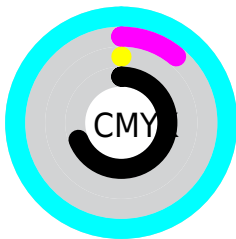
Distribution



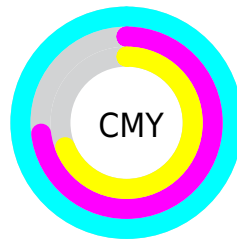
- Red (0%)
- Green (27%)
- Blue (31%)



- Red (0%)
- Yellow (15%)
- Blue (31%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (69%)

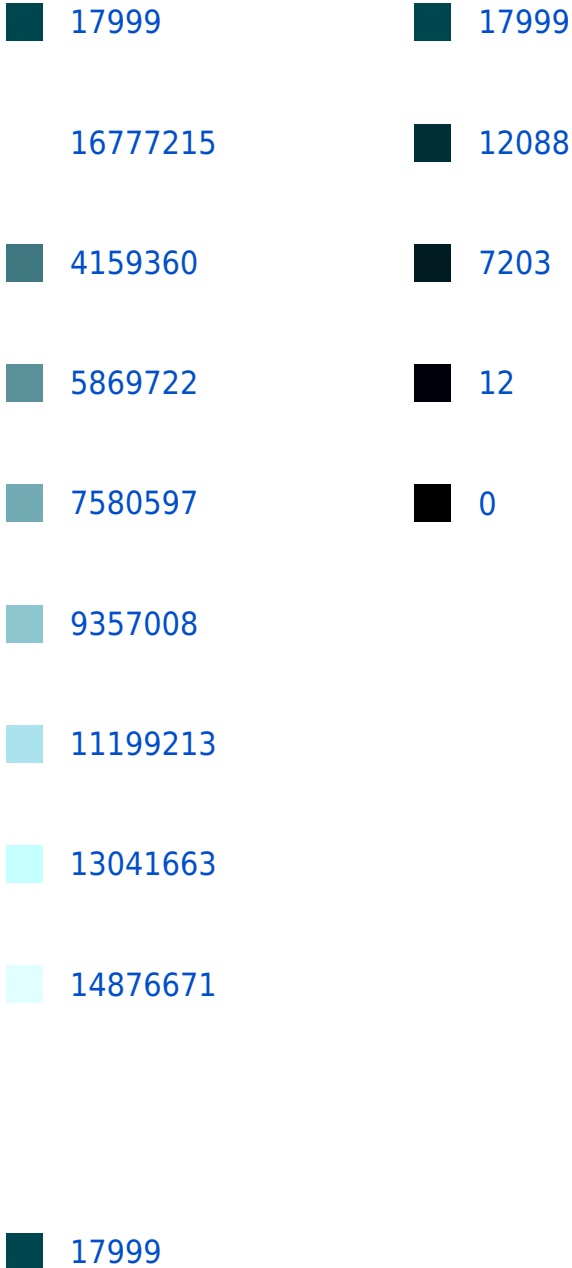


- Cyan (100%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17999 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 17999 by changing the saturation by 10% instead.



■ 542543

■ 1067087

■ 1591631

■ 2116175

■ 2640719

■ 3099471

■ 3624015

■ 4148559

■ 4673103

Harmonies

Analogous

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



1066817



17999



1262681

Triad

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



17999



5453131



4603682

Complementary

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



17999



5179648

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.



5388837



17999



5976893

Square

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



17999



4471383



5911855



3621671

Rectangle

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



17999



2441564



5911855



4930850

Sweetspot

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



17999



4678502



20232



2175283



11776947



3355443

Same Dimension

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



17999



23142



8271



2237990



52198

Inverse Universe

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



5177414



6684762



5189376



2499110



15073483

Previews

White Background



This preview shows how the Decimal color 17999 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

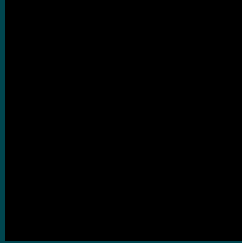
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

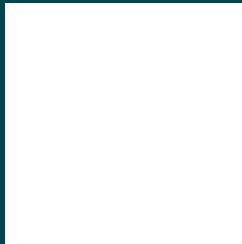
Any Text WCAG AAA × Fail

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

Decimal 17999 Background



This preview shows how black text looks on a background with the Decimal color 17999.



This preview shows how white text looks on a background with the Decimal color 17999.

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
17999

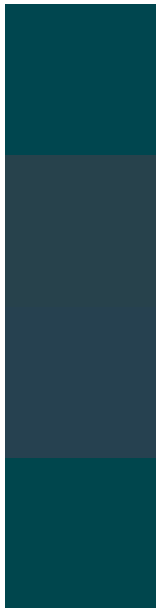
Protanopia
4013898

Deuteranopia
3948113



Tritanopia
17996

Trichromacy



Original Color
17999

Protanomaly
2572876

Deuteranomaly
2507088

Tritanomaly
17997

Monochromacy



Original Color
17999

Achromatopsia
3289650

Achromatomaly
2111805

CSS Examples

Text

The CSS property to change the color of the text to Decimal 17999 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 #00464F looks like.

```
.text, #text, p{  
    color:#00464F  
}
```

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 #00464F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00464F
}
```

Border

The CSS property to change the border of an element to Decimal 17999 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
#00464F }
```

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

```
.border{ border-color:#00464F }
```

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

Here you see how a box with a 4 pixel #00464F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00464F; -webkit-box-shadow:4px 4px  
4px 4px #00464F; box-shadow:4px 4px 4px  
4px #00464F }
```

Background

The CSS property to change the background color of an element to Decimal 17999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00464F }
```

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

```
.background{ background-color:#00464F }
```

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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