

Converting Colors

Decimal(17990)

Have a look what the booklet for
Decimal(17990) contains.

Decimal(17990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(17990)

Conversions

Conversions Part 1

Format	Color
Hex	004646
RGB	0, 70, 70
RGB Percent	0%, 27%, 27%
CMY	1.0000, 0.7255, 0.7255
CMYK	1.00, 0.00, 0.00, 0.73
HSL	180°, 100%, 14%
HSV	180°, 100%, 27%
XYZ	3.2957, 4.8225, 6.5515
YIQ	49.0700, -41.7200, -14.8400

Conversions

Conversions Part 2

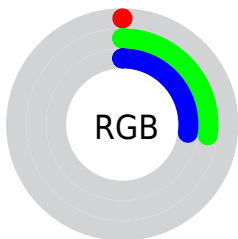
Format	Color
RYB	0, 35, 70
Decimal	17990
CIELab	26.22, -18.95, -5.57
CIELCh	26, 19.754, 196.386
Yxy	4.8225, 0.2247, 0.3287
Android (android.graphics.Color)	4278208070 (0xFF004646)
YUV	49.0700, 10.3185, -43.0344
Hunter-Lab	21.9602, -11.6423, -2.3161

Details

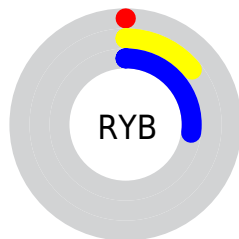
The Decimal color **17990** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4587520**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **4028278**, and **7195** is the 20% darker color. If you saturate the color by 10%, you get **17990**, and if you desaturate by 10%, it is **476742**.

Distribution



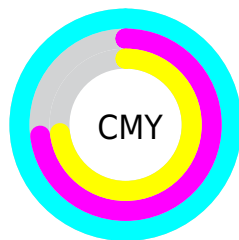
- Red (0%)
- Green (27%)
- Blue (27%)



- Red (0%)
- Yellow (14%)
- Blue (27%)



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



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 17990 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 17990 by changing the saturation by 10% instead.

■ 17990 ■ 17990

■ 16646143 ■ 12080

■ 4028278 ■ 7195

■ 5738896 ■ 0

■ 7449514

■ 9226182

■ 11002850

■ 12845054

■ 14745599

■ 17990

■ 476742

■ 935494

■ 1394246

■ 1852998

■ 2311750

■ 2770502

■ 3229254

■ 3688006

■ 4146758

Harmonies

Analogous

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



1787446



17990



17747

Triad

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



17990



4863827



5126945

Complementary

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



17990



4587520

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.



5781033



17990



5714758

Square

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



17990



3489115



5976630



4210721

Rectangle

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



17990



1000281



5976630



5388579

Sweetspot

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



17990



4217948



17920



1912366



11382189



3026478

Same Dimension

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



17990



23644



9030



2106404



25443



58339

Inverse Universe

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



4587590



6029404



4596480



2367524



6488163



14876899

Previews

White Background



This preview shows how the Decimal color 17990 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

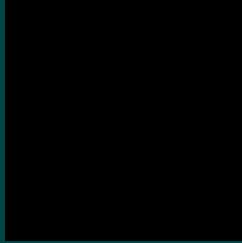
Any Text WCAG AA × Fail

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 17990 Background



This preview shows how black text looks on a background with the Decimal color 17990.



This preview shows how white text looks on a background with the Decimal color 17990.

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
17990

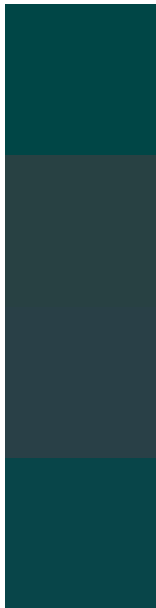
Protanopia
4144705

Deuteranopia
4209992



Tritanopia
869707

Trichromacy



Original Color
17990

Protanomaly
2638147

Deuteranomaly
2703431

Tritanomaly
542025

Monochromacy



Original Color
17990

Achromatopsia
3223857

Achromatomaly
2046265

CSS Examples

Text

The CSS property to change the color of the text to Decimal 17990 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 #004646 looks like.

```
.text, #text, p{  
    color:#004646  
}
```

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 #004646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004646
}
```

Border

The CSS property to change the border of an element to Decimal 17990 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
#004646 }
```

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

```
.border{ border-color:#004646 }
```

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

Here you see how a box with a 4 pixel #004646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004646; -webkit-box-shadow:4px 4px  
4px 4px #004646; box-shadow:4px 4px 4px  
4px #004646 }
```

Background

The CSS property to change the background color of an element to Decimal 17990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004646 }
```

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

```
.background{ background-color:#004646 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor