

Converting Colors

Decimal(17478)

Have a look what the booklet for
Decimal(17478) contains.

Decimal(17478)	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(17478)

Conversions

Conversions Part 1

Format	Color
Hex	004446
RGB	0, 68, 70
RGB Percent	0%, 27%, 27%
CMY	1.0000, 0.7333, 0.7255
CMYK	1.00, 0.03, 0.00, 0.73
HSL	182°, 100%, 14%
HSV	182°, 100%, 27%
XYZ	3.1726, 4.5764, 6.5105
YIQ	47.8960, -41.1700, -13.7940

Conversions

Conversions Part 2

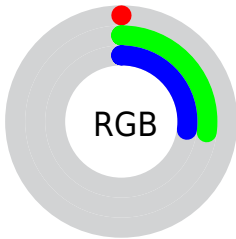
Format	Color
RYB	0, 34, 70
Decimal	17478
CIELab	25.49, -17.86, -6.67
CIELCh	25, 19.062, 200.479
Yxy	4.5764, 0.2225, 0.3209
Android (android.graphics.Color)	4278207558 (0xFF004446)
YUV	47.8960, 10.8973, -42.0048
Hunter-Lab	21.3926, -10.9648, -3.0691

Details

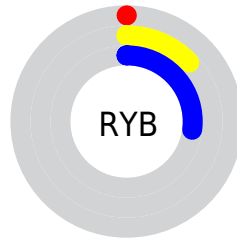
The Decimal color **17478** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4588032**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **4027510**, and **6683** is the 20% darker color. If you saturate the color by 10%, you get **17478**, and if you desaturate by 10%, it is **476230**.

Distribution



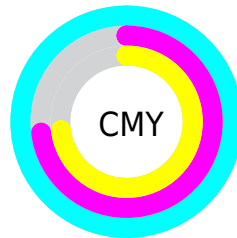
- Red (0%)
- Green (27%)
- Blue (27%)



- Red (0%)
- Yellow (13%)
- Blue (27%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 17478 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 17478 by changing the saturation by 10% instead.

■ 17478 ■ 17478

■ 16580607 ■ 11568

■ 4027510 ■ 6683

■ 5672592 ■ 0

■ 7449002

■ 9159878

■ 11002082

■ 12779006

■ 14680063

■ 17478

■ 476230

■ 934982

■ 1393990

■ 1852742

■ 2311494

■ 2770246

■ 3228998

■ 3688006

■ 4146758

Harmonies

Analogous

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



1590327



17478



82770

Triad

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



17478



4863311



4864544

Complementary

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



17478



4588032

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.



5518631



17478



5583426

Square

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



17478



3619415



5780019



3948321

Rectangle

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



17478



1392983



5780019



5126177

Sweetspot

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



17478



4217692



17921



1912110



11382189



3026478

Same Dimension

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



17478



22876



8774



2106404



24931



56547

Inverse Universe

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



4587588



6029401



4596736



2367524



6488161



14876892

Previews

White Background



This preview shows how the Decimal color 17478 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

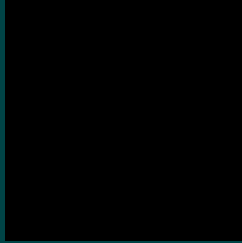
Any Text WCAG AA × Fail

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 17478 Background



This preview shows how black text looks on a background with the Decimal color 17478.



This preview shows how white text looks on a background with the Decimal color 17478.

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
17478

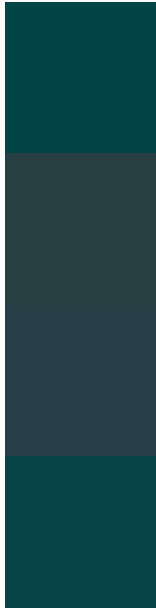
Protanopia
4013121

Deuteranopia
4012872



Tritanopia
672841

Trichromacy



Original Color
17478

Protanomaly
2572099

Deuteranomaly
2571847

Tritanomaly
410696

Monochromacy



Original Color
17478

Achromatopsia
3158064

Achromatomaly
2045752

CSS Examples

Text

The CSS property to change the color of the text to Decimal 17478 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 #004446 looks like.

```
.text, #text, p{  
    color:#004446  
}
```

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 #004446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004446
}
```

Border

The CSS property to change the border of an element to Decimal 17478 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
#004446 }
```

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

```
.border{ border-color:#004446 }
```

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

Here you see how a box with a 4 pixel #004446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004446; -webkit-box-shadow:4px 4px  
4px 4px #004446; box-shadow:4px 4px 4px  
4px #004446 }
```

Background

The CSS property to change the background color of an element to Decimal 17478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004446 }
```

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

```
.background{ background-color:#004446 }
```

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