

Converting Colors

Decimal(17726)

Have a look what the booklet for
Decimal(17726) contains.

Decimal(17726)	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(17726)

Conversions

Conversions Part 1

Format	Color
Hex	00453E
RGB	0, 69, 62
RGB Percent	0%, 27%, 24%
CMY	1.0000, 0.7294, 0.7569
CMYK	1.00, 0.00, 0.10, 0.73
HSL	174°, 100%, 14%
HSV	174°, 100%, 27%
XYZ	2.9976, 4.6040, 5.2881
YIQ	47.5710, -38.8770, -16.8050

Conversions

Conversions Part 2

Format	Color
RYB	0, 36, 69
Decimal	17726
CIELab	25.58, -21.23, -1.29
CIELCh	26, 21.271, 183.471
Yxy	4.6040, 0.2326, 0.3572
Android (android.graphics.Color)	4278207806 (0xFF00453E)
YUV	47.5710, 7.1135, -41.7198
Hunter-Lab	21.4570, -12.6127, 0.4079

Details

The Decimal color **17726** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4521991**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **3962477**, and **6932** is the 20% darker color. If you saturate the color by 10%, you get **17726**, and if you desaturate by 10%, it is **476479**.

Distribution



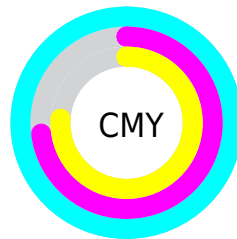
- Red (0%)
- Green (27%)
- Blue (24%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17726 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 17726 by changing the saturation by 10% instead.

■ 17726 ■ 17726

■ 16449535 ■ 11816

■ 3962477 ■ 6932

■ 5607559 ■ 0

■ 7318177

■ 9094844

■ 10871512

■ 12713716

■ 14548991

■ 17726

■ 476479

■ 935231

■ 1393984

■ 1852737

■ 2311490

■ 2704706

■ 3163459

■ 3622212

■ 4080964

Harmonies

Analogous

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



2114606



17726



17486

Triad

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



17726



4274263



5388064

Complementary

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



17726



4521991

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.



5910828



17726



5386827

Square

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



17726



2506333



5976123



4537372

Rectangle

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



17726



17238



5976123



5649699

Sweetspot

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



17726



4086103



541952



1912364



11382189



3026478

Same Dimension

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



17726



22864



11077



2106403



25433



58316

Inverse Universe

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



4521991



5832713



4528640



2367520



6488074



14876695

Previews

White Background



This preview shows how the Decimal color 17726 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

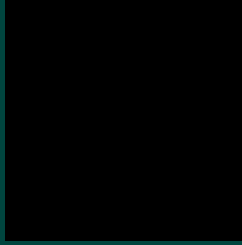
Any Text WCAG AA × Fail

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 17726 Background



This preview shows how black text looks on a background with the Decimal color 17726.

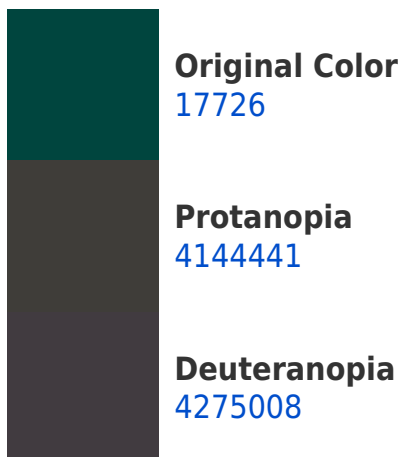


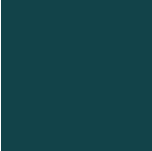
This preview shows how white text looks on a background with the Decimal color 17726.

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





Tritanopia
1196873

Trichromacy



Original Color
17726

Protanomaly
2637883

Deuteranomaly
2703167

Tritanomaly
738373

Monochromacy



Original Color
17726

Achromatopsia
3158064

Achromatomaly
2046005

CSS Examples

Text

The CSS property to change the color of the text to Decimal 17726 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 #00453E looks like.

```
.text, #text, p{  
    color:#00453E  
}
```

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 #00453E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00453E
}
```

Border

The CSS property to change the border of an element to Decimal 17726 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
#00453E }
```

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

```
.border{ border-color:#00453E }
```

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

Here you see how a box with a 4 pixel #00453E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00453E; -webkit-box-shadow:4px 4px  
4px 4px #00453E; box-shadow:4px 4px 4px  
4px #00453E }
```

Background

The CSS property to change the background color of an element to Decimal 17726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00453E }
```

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

```
.background{ background-color:#00453E }
```

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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