

Converting Colors

Decimal(18772)

Have a look what the booklet for
Decimal(18772) contains.

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Color

Decimal(18772)

Conversions

Conversions Part 1

Format	Color
Hex	004954
RGB	0, 73, 84
RGB Percent	0%, 29%, 33%
CMY	1.0000, 0.7137, 0.6706
CMYK	1.00, 0.13, 0.00, 0.67
HSL	188°, 100%, 16%
HSV	188°, 100%, 33%
XYZ	3.9828, 5.4052, 9.2209
YIQ	52.4270, -47.0390, -12.0550

Conversions

Conversions Part 2

Format	Color
RYB	0, 39, 84
Decimal	18772
CIELab	27.86, -15.38, -12.21
CIELCh	28, 19.637, 218.442
Yxy	5.4052, 0.2140, 0.2905
Android (android.graphics.Color)	4278208852 (0xFF004954)
YUV	52.4270, 15.5655, -45.9785
Hunter-Lab	23.2490, -10.1071, -7.2409

Details

The Decimal color **18772** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5507840**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **4225670**, and **7719** is the 20% darker color. If you saturate the color by 10%, you get **18772**, and if you desaturate by 10%, it is **543316**.

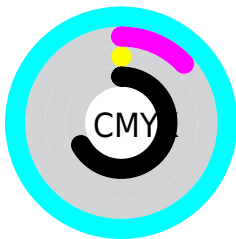
Distribution



- Red (0%)
- Green (29%)
- Blue (33%)



- Red (0%)
- Yellow (15%)
- Blue (33%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 18772 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 18772 by changing the saturation by 10% instead.

■ 18772 ■ 18772

16777215 ■ 12861

■ 4225670 ■ 7719

■ 6001824 ■ 275

■ 7712443 ■ 0

■ 9489110

■ 11331315

■ 13172735

■ 15073279

■ 18772

■ 543316

■ 1133396

■ 1657940

■ 2248020

■ 2772564

■ 3297364

■ 3887444

■ 4411988

■ 5002068

Harmonies

Analogous

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



936518



18772



1590877

Triad

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



18772



5781581



4669988

Complementary

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



18772



5507840

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.



5586214



18772



6239806

Square

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



18772



4799577



6109232



3622442

Rectangle

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



18772



2769760



6109232



4997411

Sweetspot

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



18772



5073262



21514



2372920



12105912



3684408

Same Dimension

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



18772



24430



8276



2435113



23401



51944

Inverse Universe

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



5505097



7209055



5518336



2696488



6881371



15204554

Previews

White Background



This preview shows how the Decimal color 18772 looks on a white background.

Color Contrast Check

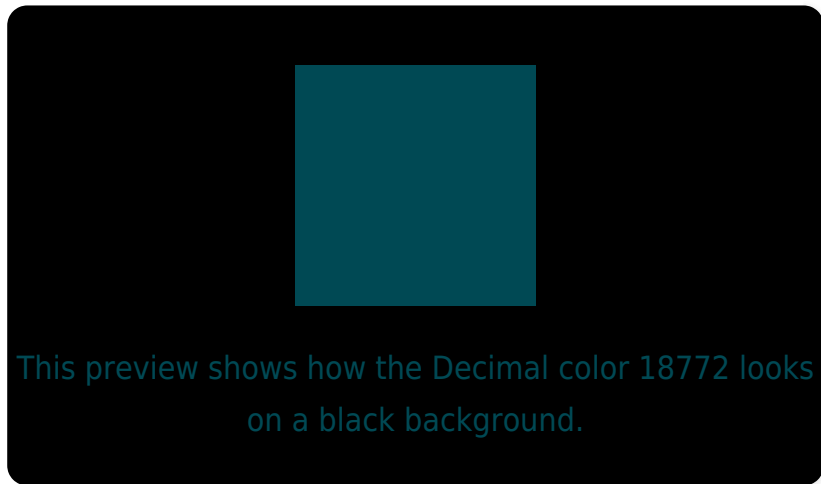
Large Text (above 18pt) WCAG AA ✓ Pass

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

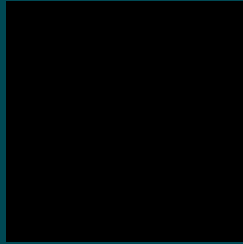
Any Text WCAG AA × Fail

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 18772 Background



This preview shows how black text looks on a background with the Decimal color 18772.



This preview shows how white text looks on a background with the Decimal color 18772.

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

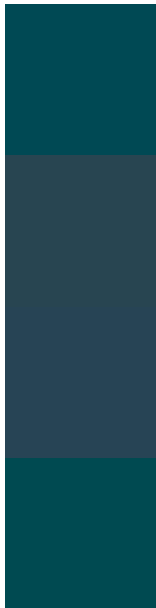


Original Color
18772

Protanopia
4145743

Deuteranopia
4079958

Trichromacy



Original Color
18772

Protanomaly
2639185

Deuteranomaly
2573397

Tritanomaly
19025

Monochromacy



Original Color
18772

Achromatopsia
3421236

Achromatomaly
2178112

CSS Examples

Text

The CSS property to change the color of the text to Decimal 18772 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 #004954 looks like.

```
.text, #text, p{  
    color:#004954  
}
```

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 #004954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004954
}
```

Border

The CSS property to change the border of an element to Decimal 18772 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
#004954 }
```

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

```
.border{ border-color:#004954 }
```

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

Here you see how a box with a 4 pixel #004954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004954; -webkit-box-shadow:4px 4px  
4px 4px #004954; box-shadow:4px 4px 4px  
4px #004954 }
```

Background

The CSS property to change the background color of an element to Decimal 18772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004954 }
```

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

```
.background{ background-color:#004954 }
```

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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