

# Converting Colors

Decimal(478280)

Have a look what the booklet for  
Decimal(478280) contains.

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# Color

**Decimal(478280)**

# Conversions

## Conversions Part 1

Format	Color
Hex	074C48
RGB	7, 76, 72
RGB Percent	3%, 30%, 28%
CMY	0.9725, 0.7020, 0.7176
CMYK	0.91, 0.00, 0.05, 0.70
HSL	177°, 83%, 16%
HSV	177°, 91%, 30%
XYZ	3.8418, 5.6819, 7.0251
YIQ	54.9130, -39.8400, -15.8720

# Conversions

## Conversions Part 2

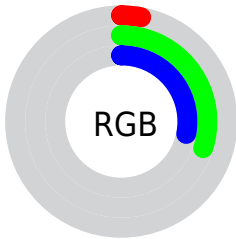
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 43, 76
Decimal	478280
CIELab	28.60, -20.63, -3.33
CIELCh	29, 20.895, 189.163
Yxy	5.6819, 0.2321, 0.3433
Android (android.graphics.Color)	4278668360 (0xFF074C48)
YUV	54.9130, 8.4239, -42.0197
Hunter-Lab	23.8368, -12.9457, -0.7881

# Details

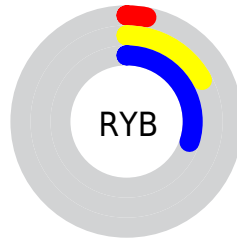
The Decimal color **478280** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4982539**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **4357496**, and **8221** is the 20% darker color. If you saturate the color by 10%, you get **19528**, and if you desaturate by 10%, it is **1002568**.

# Distribution



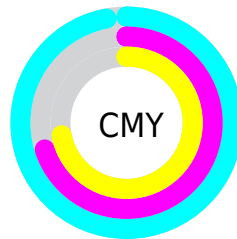
- Red (3%)
- Green (30%)
- Blue (28%)



- Red (3%)
- Yellow (17%)
- Blue (30%)



- Cyan (91%)
- Magenta (0%)
- Yellow (5%)
- Black (70%)



- Cyan (97%)
- Magenta (70%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 478280 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 478280 by changing the saturation by 10% instead.





478280



478280

16777215



13618



4357496



8221



6068114



2



7778989



0



9555656



11332324



13172735



15073279



478280



478280

■ 19528

■ 1002568

■ 1461321

■ 1985609

■ 2444362

■ 2968650

■ 3492939

■ 3951691

■ 4475980

■ 4934732

# Harmonies

## Analogous

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



2313015



478280



19287

# Triad

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



478280



4996444



5717797

# Complementary

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



478280



4982539

# 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.



6306096



478280



6043727

# Square

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



478280



3425123



6436671



4801571

# Rectangle

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



478280



477535



6436671



5979432



# Sweetspot

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



478280



4809570



805895



2306866



11776947



3355443



# Same Dimension

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



478280



25438



470604



2237990



26208



59096



# Inverse Universe

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



4982539



6488070



4990215



2499107



6684678

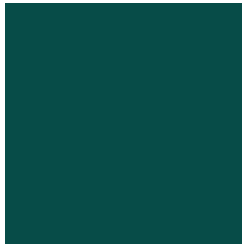


15073293



# Previews

## White Background



This preview shows how the Decimal color 478280 looks on a white background.

### Color Contrast Check

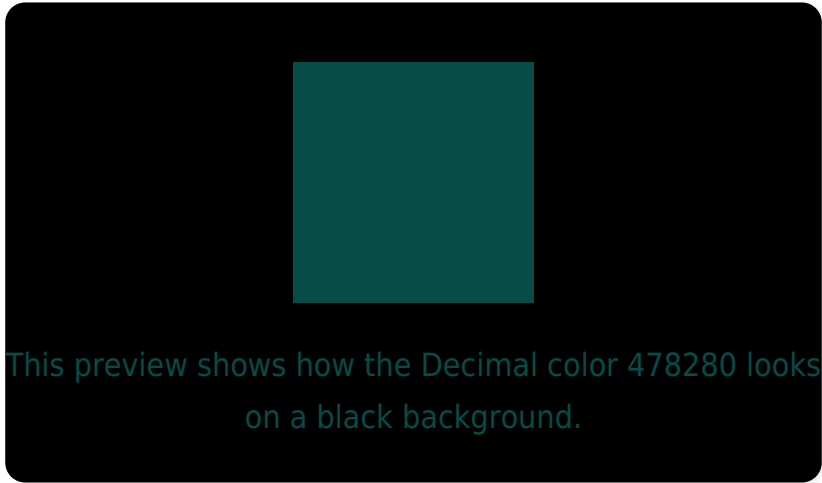
Large Text (above 18pt) WCAG AA ✓ Pass

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

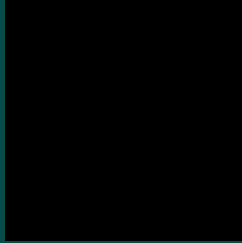
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 478280 Background



This preview shows how black text looks on a background with the Decimal color 478280.



This preview shows how white text looks on a background with the Decimal color 478280.

# 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**  
478280

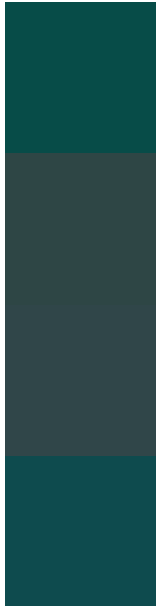
**Protanopia**  
4539203

**Deuteranopia**  
4670026



**Tritanopia**  
1198929

# Trichromacy



**Original Color**  
478280

**Protanomaly**  
3032645

**Deuteranomaly**  
3163721

**Tritanomaly**  
936782

# Monochromacy



**Original Color**  
478280

**Achromatopsia**  
3618615

**Achromatomaly**  
2506557

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 478280 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 #074C48 looks like.

```
.text, #text, p{  
    color:#074C48  
}
```

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 #074C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074C48
}
```

## Border

The CSS property to change the border of an element to Decimal 478280 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
#074C48 }
```

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

```
.border{ border-color:#074C48 }
```

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

Here you see how a box with a 4 pixel #074C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074C48; -webkit-box-shadow:4px 4px  
4px 4px #074C48; box-shadow:4px 4px 4px  
4px #074C48 }
```

# Background

The CSS property to change the background color of an element to Decimal 478280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074C48 }
```

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

```
.background{ background-color:#074C48 }
```

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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