

# Converting Colors

Decimal(26227)

Have a look what the booklet for  
Decimal(26227) contains.

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# Color

**Decimal(26227)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006673
RGB	0, 102, 115
RGB Percent	0%, 40%, 45%
CMY	1.0000, 0.6000, 0.5490
CMYK	1.00, 0.11, 0.00, 0.55
HSL	187°, 100%, 23%
HSV	187°, 100%, 45%
XYZ	7.8459, 10.7405, 17.8793
YIQ	72.9840, -64.9650, -17.5810

# Conversions

## Conversions Part 2

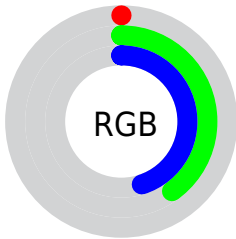
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 54, 115
Decimal	26227
CIELab	39.14, -19.97, -14.45
CIELCh	39, 24.647, 215.896
Yxy	10.7405, 0.2152, 0.2945
Android (android.graphics.Color)	4278216307 (0xFF006673)
YUV	72.9840, 20.7139, -64.0070
Hunter-Lab	32.7728, -14.6190, -9.4049

# Details

The Decimal color **26227** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7539968**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **4954535**, and **14147** is the 20% darker color. If you saturate the color by 10%, you get **26227**, and if you desaturate by 10%, it is **747379**.

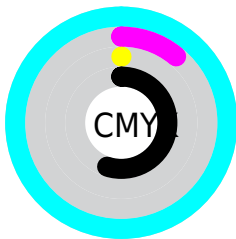
# Distribution



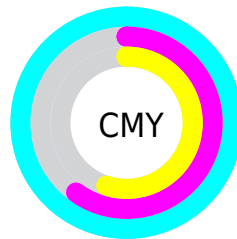
- Red (0%)
- Green (40%)
- Blue (45%)



- Red (0%)
- Yellow (21%)
- Blue (45%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (55%)




- Cyan (100%)
- Magenta (60%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 26227 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 26227 by changing the saturation by 10% instead.



 26227  26227

16777215  20058

 4954535  14147

 6862018  8493

 8704222  281

 10546427  0

 12386303

 14286847

 16252927

 26227

■ 747379

■ 1534323

■ 2321011

■ 3042163

■ 3829107

■ 4550259

■ 5336947

■ 6058099

■ 6845043

# Harmonies

## Analogous

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



1730400



26227



2188160

# Triad

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



26227



7950189



6642740

# Complementary

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



26227



7539968

# 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.



7820600



26227



8604761

# Square

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



26227



6575741



8474438



5268027

# Rectangle

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



26227



3825540



8474438



7100980



# Sweetspot

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



26227



6918550



29451



3230029



13421772



5066061



# Same Dimension

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



26227



34198



11891



3488315



28026



57082



# Inverse Universe

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



7536742



9830533



7554304



3880250



7995501



16384222



# Previews

## White Background



This preview shows how the Decimal color 26227 looks on a white background.

## Color Contrast Check

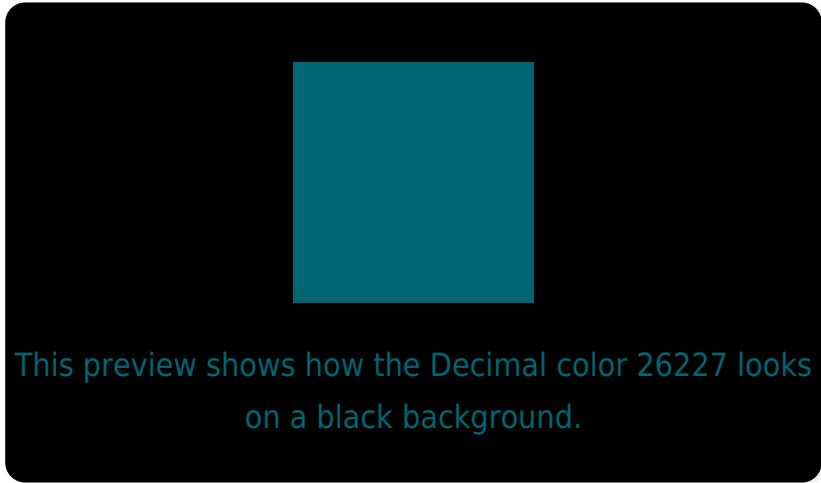
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

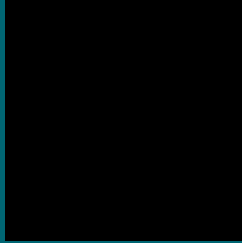
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 26227 Background



This preview shows how black text looks on a background with the Decimal color 26227.

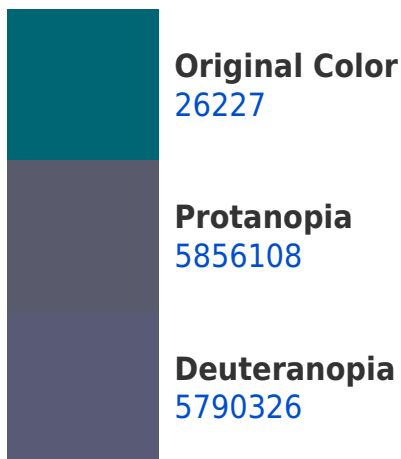


This preview shows how white text looks on a background with the Decimal color 26227.

# 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



# Trichromacy



**Original Color**  
26227

**Protanomaly**  
3759983

**Deuteranomaly**  
3694197

# Monochromacy



**Original Color**  
26227

**Achromatopsia**  
4802889

**Achromatomaly**  
3036248

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 26227 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 #006673 looks like.

```
.text, #text, p{  
    color:#006673  
}
```

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 #006673 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006673
}
```

## Border

The CSS property to change the border of an element to Decimal 26227 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
#006673 }
```

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

```
.border{ border-color:#006673 }
```

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

Here you see how a box with a 4 pixel #006673 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006673; -webkit-box-shadow:4px 4px  
4px 4px #006673; box-shadow:4px 4px 4px  
4px #006673 }
```

# Background

The CSS property to change the background color of an element to Decimal 26227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006673 }
```

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

```
.background{ background-color:#006673 }
```

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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