

# Converting Colors

Decimal(27244)

Have a look what the booklet for  
Decimal(27244) contains.

<b>Decimal(27244)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(27244)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006A6C
RGB	0, 106, 108
RGB Percent	0%, 42%, 42%
CMY	1.0000, 0.5843, 0.5765
CMYK	1.00, 0.02, 0.00, 0.58
HSL	181°, 100%, 21%
HSV	181°, 100%, 42%
XYZ	7.8608, 11.3908, 15.9717
YIQ	74.5340, -63.8180, -21.8500

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 53, 108
Decimal	27244
CIELab	40.23, -24.53, -8.53
CIELCh	40, 25.971, 199.169
Yxy	11.3908, 0.2232, 0.3234
Android (android.graphics.Color)	4278217324 (0xFF006A6C)
YUV	74.5340, 16.4987, -65.3663
Hunter-Lab	33.7502, -17.4882, -4.4328

# Details

The Decimal color **27244** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7078400**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **4955807**, and **14909** is the 20% darker color. If you saturate the color by 10%, you get **27244**, and if you desaturate by 10%, it is **748140**.

# Distribution



- Red (0%)
- Green (42%)
- Blue (42%)



- Red (0%)
- Yellow (21%)
- Blue (42%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 27244 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 27244 by changing the saturation by 10% instead.



 27244  27244

16777215  20820

 4955807  14909


 6797754  9255

 8639958  531

 10482162  0

 12386303

 14221311

 16187391

 27244

■ 748140

■ 1469036

■ 2124652

■ 2845548

■ 3566444

■ 4287340

■ 5008236

■ 5663852

■ 6384748

# Harmonies

## Analogous

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



2779734



27244



26750

# Triad

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



27244



7492731



7559989

# Complementary

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



27244



7078400

# 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.



8541248



27244



8605543

# Square

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



27244



5659783



8933202



6251062

# Rectangle

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



27244



2254214



8933202



7952439



# Sweetspot

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



27244



6458252



27650



3032903



13092807



4671303



# Same Dimension

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



27244



35468



13420



3159350



29557



61685



# Inverse Universe

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



7077994



9175178



7092224



3551285



7667827



16056560



# Previews

## White Background



This preview shows how the Decimal color 27244 looks on a white background.

### Color Contrast Check

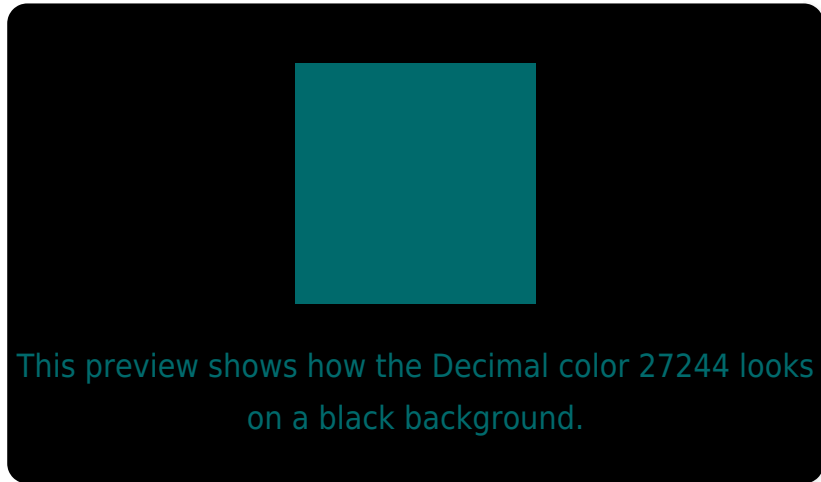
Large Text (above 18pt) WCAG AA ✓ Pass

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

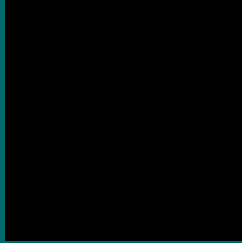
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 27244 Background



This preview shows how black text looks on a background with the Decimal color 27244.

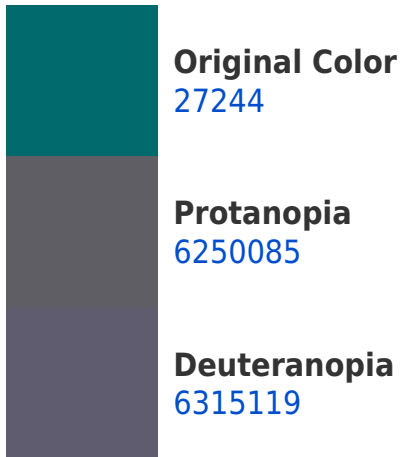



This preview shows how white text looks on a background with the Decimal color 27244.

# 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](#).

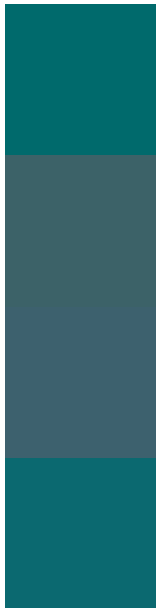
## Dichromacy





**Tritanopia**  
1141106

# Trichromacy



**Original Color**  
27244

**Protanomaly**  
3957352

**Deuteranomaly**  
4022638

**Tritanomaly**  
747888

# Monochromacy



**Original Color**  
27244

**Achromatopsia**  
4934475

**Achromatomaly**  
3167831

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 27244 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 #006A6C looks like.

```
.text, #text, p{  
    color:#006A6C  
}
```

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 #006A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A6C
}
```

## Border

The CSS property to change the border of an element to Decimal 27244 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
#006A6C }
```

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

```
.border{ border-color:#006A6C }
```

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

Here you see how a box with a 4 pixel #006A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A6C; -webkit-box-shadow:4px 4px  
4px 4px #006A6C; box-shadow:4px 4px 4px  
4px #006A6C }
```

# Background

The CSS property to change the background color of an element to Decimal 27244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A6C }
```

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

```
.background{ background-color:#006A6C }
```

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