

# Converting Colors

Decimal(2976876)

Have a look what the booklet for  
Decimal(2976876) contains.

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# Color

**Decimal(2976876)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D6C6C
RGB	45, 108, 108
RGB Percent	18%, 42%, 42%
CMY	0.8235, 0.5765, 0.5765
CMYK	0.58, 0.00, 0.00, 0.58
HSL	180°, 41%, 30%
HSV	180°, 58%, 42%
XYZ	9.1515, 12.3657, 16.0918
YIQ	89.1630, -37.5480, -13.3560

# Conversions

## Conversions Part 2

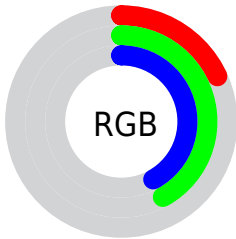
Format	Color
<b>RYB</b>	45, 77, 108
Decimal	2976876
CIELab	41.79, -19.93, -6.10
CIELCh	42, 20.846, 197.018
Yxy	12.3657, 0.2433, 0.3288
Android (android.graphics.Color)	4281166956 (0xFF2D6C6C)
YUV	89.1630, 9.2866, -38.7310
Hunter-Lab	35.1649, -15.0848, -2.5163

# Details

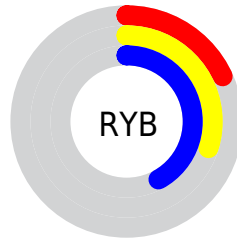
The Decimal color **2976876** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7089453**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **6463647**, and **15421** is the 20% darker color. If you saturate the color by 10%, you get **2255980**, and if you desaturate by 10%, it is **3697772**.

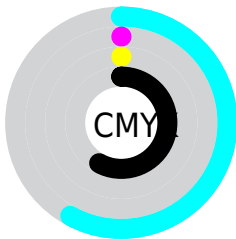
# Distribution



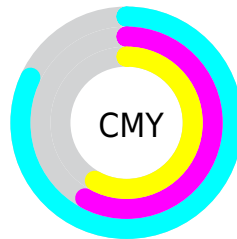
- Red (18%)
- Green (42%)
- Blue (42%)



- Red (18%)
- Yellow (30%)
- Blue (42%)



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



- Cyan (82%)
- Magenta (58%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2976876 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 2976876 by changing the saturation by 10% instead.



■ 2976876

■ 2976876

16777215

■ 873556

■ 6463647

■ 15421

■ 8240058

■ 9767

■ 10016726

■ 3347

■ 11793394

■ 0

■ 13697023

■ 15597567

■ 2976876

■ 2976876

■ 2255980

■ 3697772

■ 1535084

■ 4418668

■ 879724

■ 5074028

■ 158828

■ 5794924

■ 27756

■ 6515820

■ 7236716

■ 7957612

■ 8612972

■ 9333868

# Harmonies

## Analogous

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



4025434



2976876



2976379

# Triad

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



2976876



7428986



7692097

# Complementary

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



2976876



7089453

# 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.



8477002



2976876



8410987

# Square

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



2976876



5988739



8738393



6645058

# Rectangle

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



2976876



3762306



8738393



8019267



# Sweetspot

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



2976876



7572620



2976813



3688263



13092807



4671303



# Same Dimension

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



2976876



2788492



2968940



3159606



30069



62965



# Inverse Universe

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



7089516



9185932



7097645



3551286



7667829

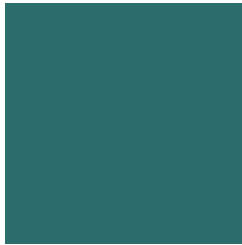


16056565



# Previews

## White Background



This preview shows how the Decimal color 2976876 looks on a white background.

## Color Contrast Check

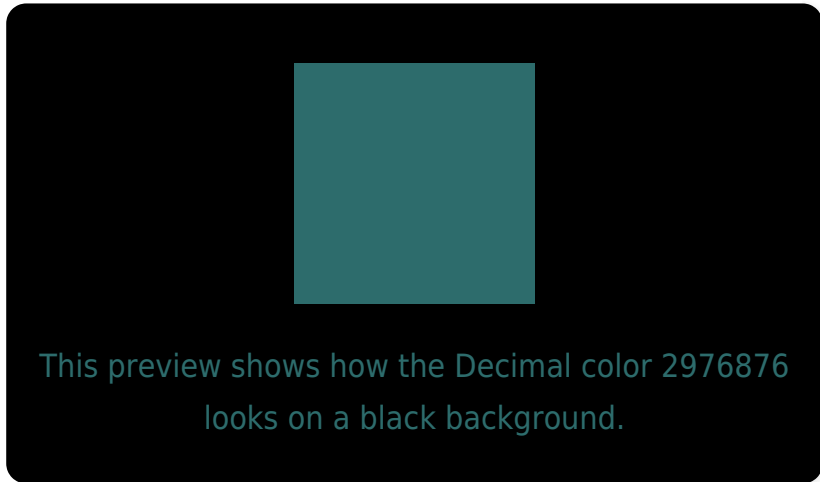
Large Text (above 18pt) WCAG AA ✓ Pass

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

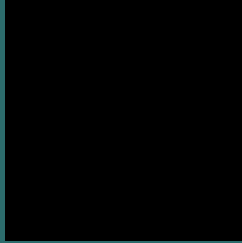
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2976876 Background



This preview shows how black text looks on a background with the Decimal color 2976876.



This preview shows how white text looks on a background with the Decimal color 2976876.

# 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



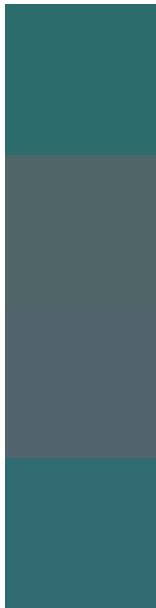
**Original Color**  
2976876

**Protanopia**  
6513254

**Deuteranopia**  
6709359



# Trichromacy



**Original Color**  
2976876

**Protanomaly**  
5203560

**Deuteranomaly**  
5334126

**Tritanomaly**  
3107696

# Monochromacy



**Original Color**  
2976876

**Achromatopsia**  
5855577

**Achromatomaly**  
4808800

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2976876 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 #2D6C6C looks like.

```
.text, #text, p{  
  color:#2D6C6C  
}
```

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 #2D6C6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6C6C  
}
```

## Border

The CSS property to change the border of an element to Decimal 2976876 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  
#2D6C6C }
```

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

```
.border{ border-color:#2D6C6C }
```

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

Here you see how a box with a 4 pixel #2D6C6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6C6C; -webkit-box-shadow:4px 4px  
4px 4px #2D6C6C; box-shadow:4px 4px 4px  
4px #2D6C6C }
```

# Background

The CSS property to change the background color of an element to Decimal 2976876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6C6C }
```

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

```
.background{ background-color:#2D6C6C }
```

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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