

# Converting Colors

Decimal(2979483)

Have a look what the booklet for  
Decimal(2979483) contains.

<b>Decimal(2979483)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(2979483)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D769B
RGB	45, 118, 155
RGB Percent	18%, 46%, 61%
CMY	0.8235, 0.5373, 0.3922
CMYK	0.71, 0.24, 0.00, 0.39
HSL	200°, 55%, 39%
HSV	200°, 71%, 61%
XYZ	13.4770, 15.8813, 33.3654
YIQ	100.3910, -55.3850, -3.9690

# Conversions

## Conversions Part 2

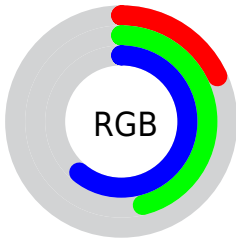
Format	Color
R <sub>Y</sub> B	45, 89, 155
Decimal	2979483
CIE Lab	46.82, -10.04, -26.53
CIE LCh	47, 28.366, 249.270
Yxy	15.8813, 0.2149, 0.2532
Android (android.graphics.Color)	4281169563 (0xFF2D769B)
YUV	100.3910, 26.9222, -48.5779
Hunter-Lab	39.8514, -9.3744, -21.7444

# Details

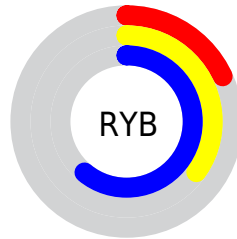
The Decimal color **2979483** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **10179117**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **6925010**, and **18024** is the 20% darker color. If you saturate the color by 10%, you get **1995163**, and if you desaturate by 10%, it is **4029339**.

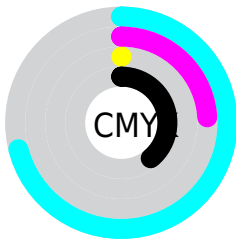
# Distribution



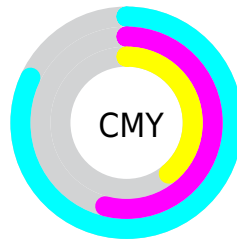
- Red (18%)
- Green (46%)
- Blue (61%)



- Red (18%)
- Yellow (35%)
- Blue (61%)



- Cyan (71%)
- Magenta (24%)
- Yellow (0%)
- Black (39%)



- Cyan (82%)
- Magenta (54%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2979483 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 2979483 by changing the saturation by 10% instead.



■ 2979483

■ 2979483

16777215

■ 23937

■ 6925010

■ 18024

■ 8766958

■ 12367

■ 10609151

■ 6968

■ 12517119

■ 547

■ 14417919

■ 9

■ 16383999

■ 0

■ 2979483

■ 2979483

■ 1995163

■ 4029339

■ 945307

■ 5013659

■ 26523

■ 6063771

■ 7048091

■ 8097947

■ 9082267

■ 10132123

■ 11116699

■ 12166555

# Harmonies

## Analogous

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



31372



2979483



5795742

# Triad

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



2979483



10312808



6125129

# Complementary

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



2979483



10179117

# 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.



7827519



2979483



10117202

# Square

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



2979483



9658240



9267267



4160093

# Rectangle

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



2979483



7432600



9267267



6714693



# Sweetspot

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



2979483



10468297



2988882



5070182



15132390



6710886



# Same Dimension

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



2979483



2003145



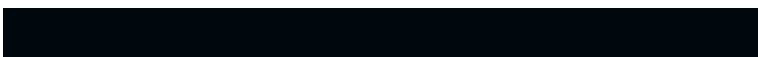
2965403



4541005



23948



2061



# Inverse Universe

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



10169718



13180560



10193197



5064010



9175133



851976



# Previews

## White Background



This preview shows how the Decimal color 2979483 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



This preview shows how the Decimal color 2979483 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

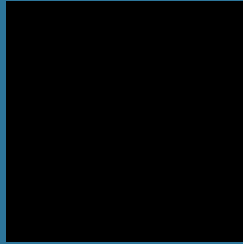
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2979483 Background



This preview shows how black text looks on a background with the Decimal color 2979483.

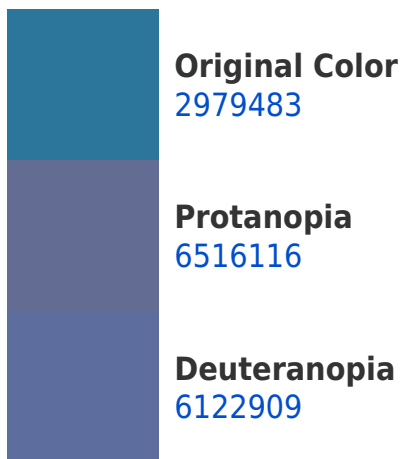



This preview shows how white text looks on a background with the Decimal color 2979483.

# 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](#).

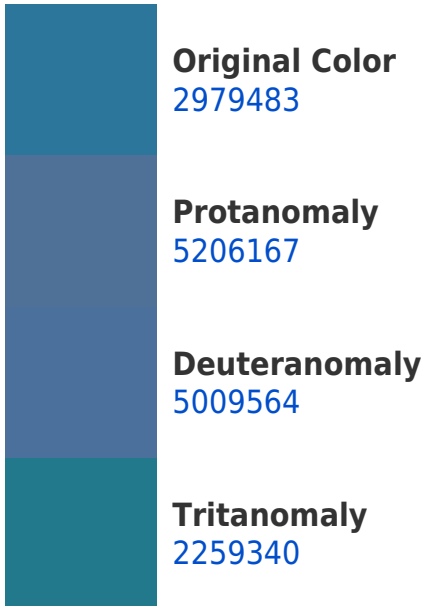
## Dichromacy





**Tritanopia**  
1866372

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2979483 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 #2D769B looks like.

```
.text, #text, p{  
    color:#2D769B  
}
```

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 #2D769B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D769B
}
```

## Border

The CSS property to change the border of an element to Decimal 2979483 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
#2D769B }
```

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

```
.border{ border-color:#2D769B }
```

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

Here you see how a box with a 4 pixel #2D769B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D769B; -webkit-box-shadow:4px 4px  
4px 4px #2D769B; box-shadow:4px 4px 4px  
4px #2D769B }
```

# Background

The CSS property to change the background color of an element to Decimal 2979483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D769B }
```

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

```
.background{ background-color:#2D769B }
```

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