

# Converting Colors

Decimal(2783133)

Have a look what the booklet for  
Decimal(2783133) contains.

<b>Decimal(2783133)</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(2783133)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A779D
RGB	42, 119, 157
RGB Percent	16%, 47%, 62%
CMY	0.8353, 0.5333, 0.3843
CMYK	0.73, 0.24, 0.00, 0.38
HSL	200°, 58%, 39%
HSV	200°, 73%, 62%
XYZ	13.6375, 16.1202, 34.2910
YIQ	100.3090, -58.0900, -4.5060

# Conversions

## Conversions Part 2

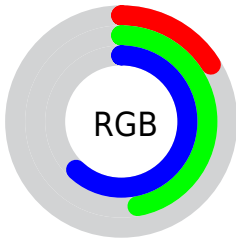
Format	Color
<b>R<sub>YB</sub></b>	42, 88, 157
Decimal	2783133
CIE <sub>Lab</sub>	47.13, -10.36, -27.22
CIE <sub>LCh</sub>	47, 29.129, 249.165
Yxy	16.1202, 0.2129, 0.2517
Android (android.graphics.Color)	4280973213 (0xFF2A779D)
YUV	100.3090, 27.9487, -51.1370
Hunter-Lab	40.1500, -9.6326, -22.5330

# Details

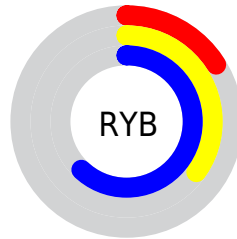
The Decimal color **2783133** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **10309674**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **6794196**, and **18281** is the 20% darker color. If you saturate the color by 10%, you get **1733277**, and if you desaturate by 10%, it is **3832989**.

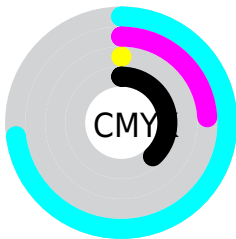
# Distribution



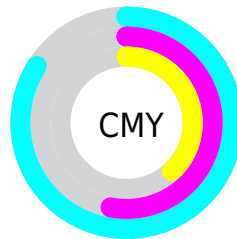
- Red (16%)
- Green (47%)
- Blue (62%)



- Red (16%)
- Yellow (35%)
- Blue (62%)



- Cyan (73%)
- Magenta (24%)
- Yellow (0%)
- Black (38%)



- Cyan (84%)
- Magenta (53%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2783133 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 2783133 by changing the saturation by 10% instead.



■ 2783133

■ 2783133

16777215

■ 24195

■ 6794196

■ 18281

■ 8636144

■ 12369

■ 10543871

■ 7226

■ 12451839

■ 548

■ 14352383

■ 12

■ 16318463

■ 0

■ 2783133

■ 2783133

■ 1733277

■ 3832989

■ 748957

■ 4817309

■ 27037

■ 5867421

■ 6917277

■ 7967133

■ 8951453

■ 10001309

■ 11051421

■ 12035741

# Harmonies

## Analogous

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



31630



2783133



5796000

# Triad

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



2783133



10443881



6190921

# Complementary

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



2783133



10309674

# 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.



7893311



2783133



10248274

# Square

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



2783133



9723778



9332802



4160350

# Rectangle

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



2783133



7432858



9332802



6780228



# Sweetspot

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



2783133



10468812



2792782



4939110



15132390



6710886



# Same Dimension

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



2783133



1610188



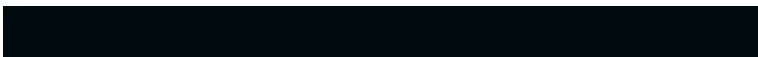
2768797



4672591



24719



2575



# Inverse Universe

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



10300023



13375633



10324010



5195596



9371744



983050



# Previews

## White Background



This preview shows how the Decimal color 2783133 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 2783133 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

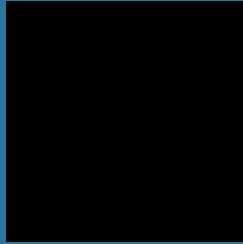
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2783133 Background



This preview shows how black text looks on a background with the Decimal color 2783133.



This preview shows how white text looks on a background with the Decimal color 2783133.

# 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](#).

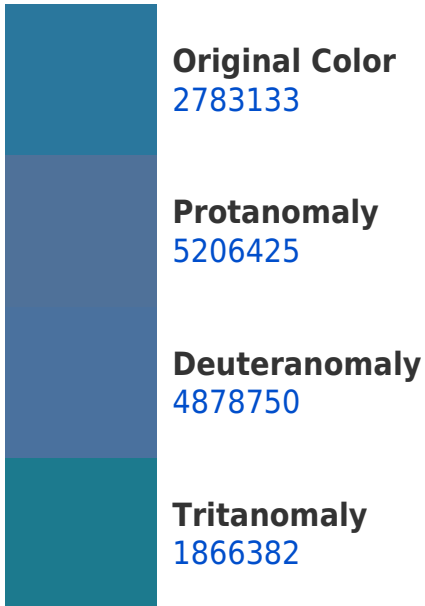
## Dichromacy





**Tritanopia**  
1342341

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2783133 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 #2A779D looks like.

```
.text, #text, p{  
    color:#2A779D  
}
```

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 #2A779D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A779D
}
```

## Border

The CSS property to change the border of an element to Decimal 2783133 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
#2A779D }
```

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

```
.border{ border-color:#2A779D }
```

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

Here you see how a box with a 4 pixel #2A779D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A779D; -webkit-box-shadow:4px 4px  
4px 4px #2A779D; box-shadow:4px 4px 4px  
4px #2A779D }
```

# Background

The CSS property to change the background color of an element to Decimal 2783133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A779D }
```

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

```
.background{ background-color:#2A779D }
```

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