

# Converting Colors

Hex(2C7679)

Have a look what the booklet for  
Hex(2C7679) contains.

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# Color

**Hex(2C7679)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C7679
RGB	44, 118, 121
RGB Percent	17%, 46%, 47%
CMY	0.8275, 0.5373, 0.5255
CMYK	0.64, 0.02, 0.00, 0.53
HSL	182°, 47%, 32%
HSV	182°, 64%, 47%
XYZ	10.9683, 14.8728, 20.3818
YIQ	96.2160, -45.0670, -14.7550

# Conversions

## Conversions Part 2

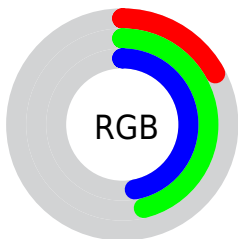
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 82, 121
Decimal	2913913
CIELab	45.46, -21.48, -8.44
CIELCh	45, 23.083, 201.456
Yxy	14.8728, 0.2373, 0.3218
Android (android.graphics.Color)	4281103993 (0xFF2C7679)
YUV	96.2160, 12.2185, -45.7934
Hunter-Lab	38.5653, -16.7222, -4.3391




# Details

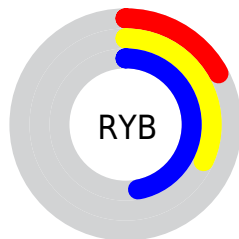
The Hex color **2C7679** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **792F2C**, and the grayscale version is **606060**.




A 20% lighter version of the original color is **64AAAD**, and **004549** is the 20% darker color. If you saturate the color by 10%, you get **207679**, and if you desaturate by 10%, it is **387679**.

# Distribution







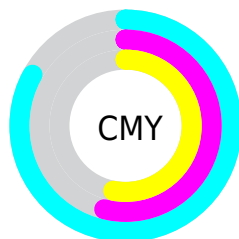
-  Red (17%)
-  Green (46%)
-  Blue (47%)






-  Red (17%)
-  Yellow (32%)
-  Blue (47%)



-  Cyan (64%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (83%)
-  Magenta (54%)
-  Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C7679 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 Hex color 2C7679 by changing the saturation by 10% instead.





2C7679



2C7679

FFFFFF



055D60



64AAAD



004549



7FC6C9



002E32



9AE2E5



001C1D



B6FFFF



000001



D3FFFF



000000



F0FFFF



2C7679



2C7679



207679



387679

■ 147579

■ 447779

■ 087579

■ 507779

■ 007479

■ 5C7879

■ 687879

■ 757979

■ 817979

■ 8D7A79

■ 997A79

# Harmonies

## Analogous

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



3E7665



2C7679



307489

# Triad

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



2C7679



7F6284



7E6946

# Complementary

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



2C7679



792F2C

# 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.



8C624E



2C7679



8E5E72

# Square

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



2C7679



66698F



925E5E



6B6F47

# Rectangle

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



2C7679



407190



925E5E



836647



# Sweetspot

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



2C7679



809D9E



2C792F



3D4E4F



CFCFCF



4F4F4F



# Same Dimension

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



2C7679



26999E



2C5079



373D3D



00787D



00F3FC



# Inverse Universe

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



792C76



9E2699



79552C



3D373D



7D0078

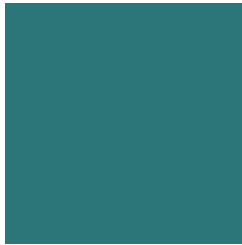


FC00F3



# Previews

## White Background



This preview shows how the Hex color 2C7679 looks on a white background.

## Color Contrast Check

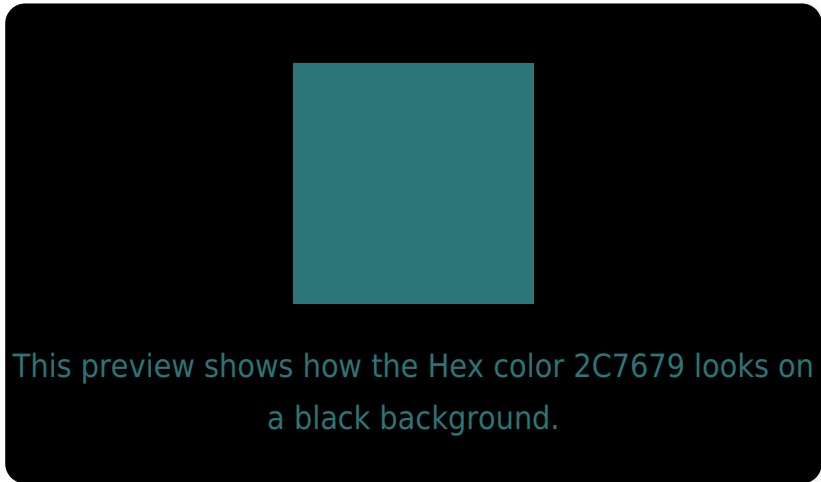
Large Text (above 18pt) WCAG AA ✓ Pass

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

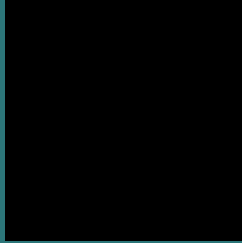
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C7679 Background



This preview shows how black text looks on a background with the Hex color 2C7679.



This preview shows how white text looks on a background with the Hex color 2C7679.

# 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**  
2C7679

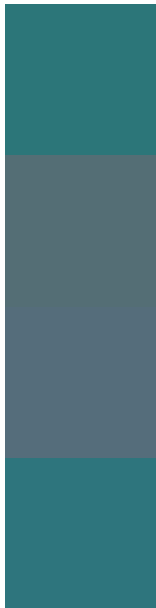
**Protanopia**  
6B6A72

**Deuteranopia**  
6D687C



**Tritanopia**  
2F757F

# Trichromacy



**Original Color**  
2C7679

**Protanomaly**  
546E75

**Deuteranomaly**  
556D7B

**Tritanomaly**  
2E757D

# Monochromacy



**Original Color**  
2C7679

**Achromatopsia**  
606060

**Achromatomaly**  
4D6869

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C7679 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 #2C7679 looks like.

```
.text, #text, p{  
    color:#2C7679  
}
```

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 #2C7679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7679
}
```

## Border

The CSS property to change the border of an element to Hex 2C7679 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
#2C7679 }
```

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

```
.border{ border-color:#2C7679 }
```

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

Here you see how a box with a 4 pixel #2C7679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7679; -webkit-box-shadow:4px 4px  
4px 4px #2C7679; box-shadow:4px 4px 4px  
4px #2C7679 }
```

# Background

The CSS property to change the background color of an element to Hex 2C7679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7679 }
```

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

```
.background{ background-color:#2C7679 }
```

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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