

# Converting Colors

Hex(2C5C7F)

Have a look what the booklet for  
Hex(2C5C7F) contains.

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# Color

Hex(2C5C7F)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C5C7F
RGB	44, 92, 127
RGB Percent	17%, 36%, 50%
CMY	0.8275, 0.6392, 0.5020
CMYK	0.65, 0.28, 0.00, 0.50
HSL	205°, 49%, 34%
HSV	205°, 65%, 50%
XYZ	8.6966, 9.7221, 21.4969
YIQ	81.6380, -39.8430, 0.7090

# Conversions

## Conversions Part 2

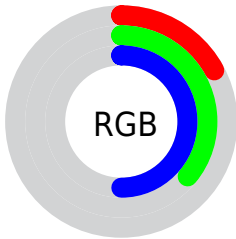
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 74, 127
Decimal	2907263
CIELab	37.34, -4.60, -24.49
CIELCh	37, 24.923, 259.358
Yxy	9.7221, 0.2179, 0.2436
Android (android.graphics.Color)	4281097343 (0xFF2C5C7F)
YUV	81.6380, 22.3635, -33.0085
Hunter-Lab	31.1802, -4.7792, -19.0507

# Details

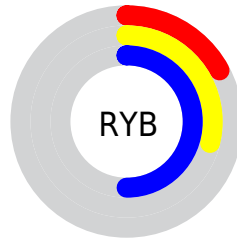
The Hex color **2C5C7F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7F4F2C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **628EB4**, and **002E4E** is the 20% darker color. If you saturate the color by 10%, you get **1F577F**, and if you desaturate by 10%, it is **39617F**.

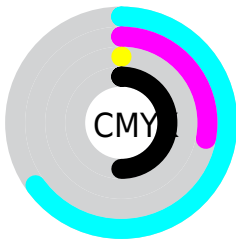
# Distribution



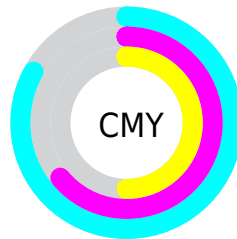
- Red (17%)
- Green (36%)
- Blue (50%)



- Red (17%)
- Yellow (29%)
- Blue (50%)



- Cyan (65%)
- Magenta (28%)
- Yellow (0%)
- Black (50%)



- Cyan (83%)
- Magenta (64%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C5C7F 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 2C5C7F by changing the saturation by 10% instead.



■ 2C5C7F

■ 2C5C7F

FFFFFF

■ 094566

■ 628EB4

■ 002E4E

■ 7DA8D0

■ 001A37

■ 99C4EC

■ 000221

■ B4E0FF

■ 000006

■ D1FCFF

■ 000000

■ EEEFFF

■ 2C5C7F

■ 2C5C7F

■ 1F577F

■ 39617F

■ 13517F

■ 45677F

■ 064C7F

■ 526C7F

■ 00497F

■ 5F717F

■ 6C777F

■ 787C7F

■ 85817F

■ 92877F

■ 9E8C7F

# Harmonies

## Analogous

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



006076



2C5C7F



4F557E

# Triad

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



2C5C7F



7F494C



415F3D

# Complementary

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



2C5C7F



7F4F2C

# 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.



585B31



2C5C7F



794D3A

# Square

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



2C5C7F



7A4960



6B5430



256250

# Rectangle

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



2C5C7F



625077



6B5430



495E38



# Sweetspot

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



2C5C7F



8598A6



2C7F4F



404C54



D4D4D4



545454



# Same Dimension

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



2C5C7F



246FA6



2C337F



393D40



004A80



000000



# Inverse Universe

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



7F2C5C



A6246F



7F782C



40393D



80004A

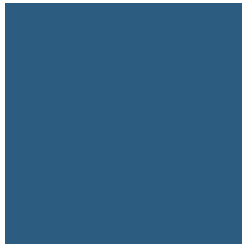


000000



# Previews

## White Background



This preview shows how the Hex color 2C5C7F looks on a white background.

## Color Contrast Check

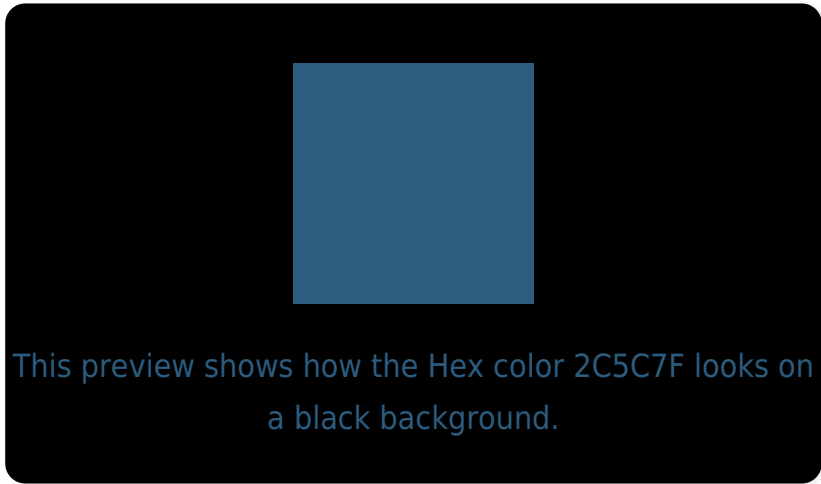
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

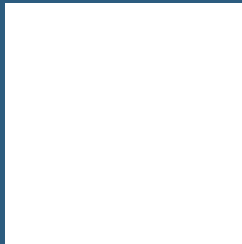
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2C5C7F Background



This preview shows how black text looks on a background with the Hex color 2C5C7F.




This preview shows how white text looks on a background with the Hex color 2C5C7F.

# 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](#).

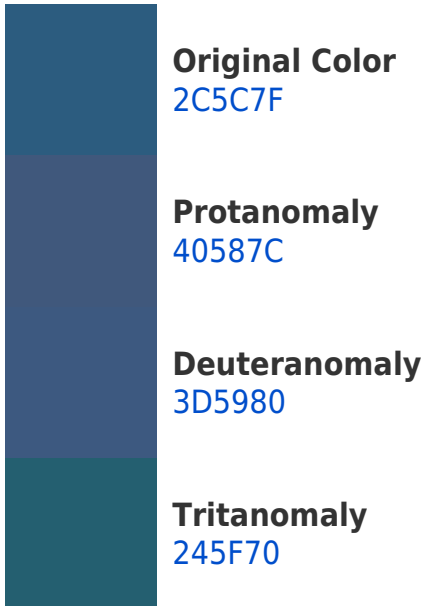
## Dichromacy





**Tritanopia**  
1F6068

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C5C7F 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 #2C5C7F looks like.

```
.text, #text, p{  
    color:#2C5C7F  
}
```

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 #2C5C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C5C7F
}
```

## Border

The CSS property to change the border of an element to Hex 2C5C7F 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
#2C5C7F }
```

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

```
.border{ border-color:#2C5C7F }
```

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

Here you see how a box with a 4 pixel #2C5C7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C5C7F; -webkit-box-shadow:4px 4px  
4px 4px #2C5C7F; box-shadow:4px 4px 4px  
4px #2C5C7F }
```

# Background

The CSS property to change the background color of an element to Hex 2C5C7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C5C7F }
```

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

```
.background{ background-color:#2C5C7F }
```

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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