

# Converting Colors

Hex(2C669D)

Have a look what the booklet for  
Hex(2C669D) contains.

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# Color

**Hex(2C669D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C669D
RGB	44, 102, 157
RGB Percent	17%, 40%, 62%
CMY	0.8275, 0.6000, 0.3843
CMYK	0.72, 0.35, 0.00, 0.38
HSL	209°, 56%, 39%
HSV	209°, 72%, 62%
XYZ	11.8759, 12.4725, 33.6798
YIQ	90.9280, -52.2230, 4.8090

# Conversions

## Conversions Part 2

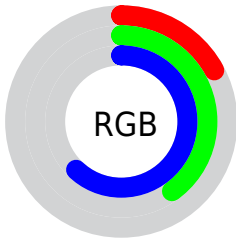
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 82, 157
Decimal	2909853
CIE <sub>Lab</sub>	41.96, 0.15, -35.33
CIE <sub>LCh</sub>	42, 35.333, 270.240
Yxy	12.4725, 0.2047, 0.2149
Android (android.graphics.Color)	4281099933 (0xFF2C669D)
YUV	90.9280, 32.5735, -41.1559
Hunter-Lab	35.3165, -1.7796, -31.8208

# Details

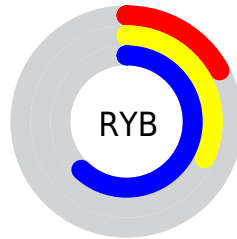
The Hex color **2C669D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9D632C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6899D4**, and **003869** is the 20% darker color. If you saturate the color by 10%, you get **1C5E9D**, and if you desaturate by 10%, it is **3C6E9D**.

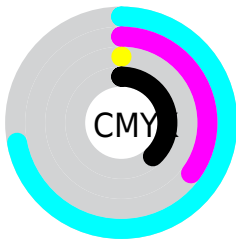
# Distribution



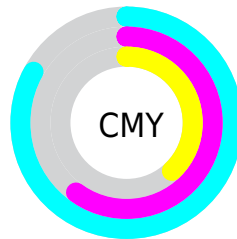
- Red (17%)
- Green (40%)
- Blue (62%)



- Red (17%)
- Yellow (32%)
- Blue (62%)



- Cyan (72%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (83%)
- Magenta (60%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C669D 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 2C669D by changing the saturation by 10% instead.



■ 2C669D

■ 2C669D

FFFFFF

■ 004E83

■ 6899D4

■ 003869

■ 84B3F0

■ 002351

■ A0CFFF

■ 000C39

■ BDEBFF

■ 000223

■ DAFFFF

■ 00000A

■ F8FFFF

■ 000000

■ 2C669D

■ 2C669D

■ 1C5E9D

■ 3C6E9D

0D579D

4B759D

00519D

5B7D9D

6B859D

7B8C9D

8A949D

9A9B9D

AAA39D

B9AB9D

# Harmonies

## Analogous

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



006D95



2C669D



655B95

# Triad

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



2C669D



984D47



306F45

# Complementary

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



2C669D



9D632C

# 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.



566A2F



2C669D



8B5731

# Square

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



2C669D



984A64



746127



007262

# Rectangle

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



2C669D



7E5488



746127



3E6E3C



# Sweetspot

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



2C669D



9FB6CC



2C9D63



4B5966



E6E6E6



666666



# Same Dimension

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



2C669D



1D77CC



2C2E9D



474B4F



00498F



00080F



# Inverse Universe

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



9D2C66



CC1D77



9D9B2C



4F474B



8F0049



0F0008



# Previews

## White Background



This preview shows how the Hex color 2C669D looks on a white background.

### Color Contrast Check

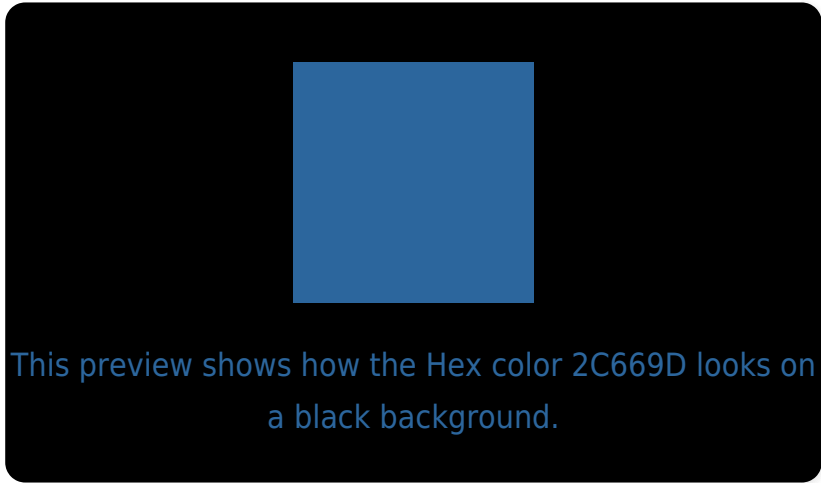
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C669D Background



This preview shows how black text looks on a background with the Hex color 2C669D.



This preview shows how white text looks on a background with the Hex color 2C669D.

# 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](#).

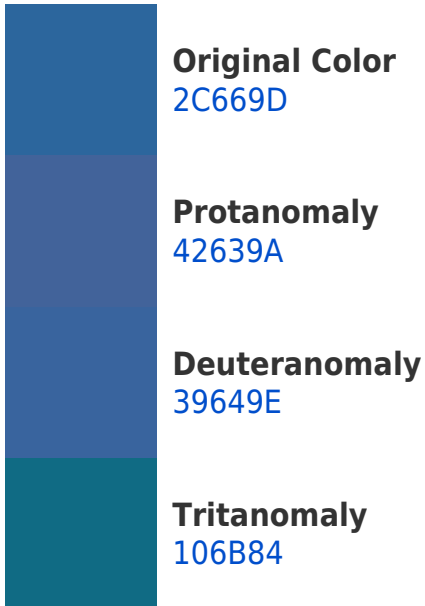
## Dichromacy



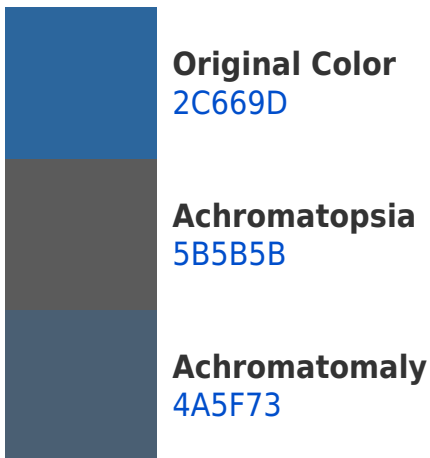


**Tritanopia**  
006E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C669D 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 #2C669D looks like.

```
.text, #text, p{  
    color:#2C669D  
}
```

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 #2C669D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C669D
}
```

## Border

The CSS property to change the border of an element to Hex 2C669D 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
#2C669D }
```

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

```
.border{ border-color:#2C669D }
```

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

Here you see how a box with a 4 pixel #2C669D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C669D; -webkit-box-shadow:4px 4px  
4px 4px #2C669D; box-shadow:4px 4px 4px  
4px #2C669D }
```

# Background

The CSS property to change the background color of an element to Hex 2C669D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C669D }
```

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

```
.background{ background-color:#2C669D }
```

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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