

Converting Colors

Hex(2C609C)

Have a look what the booklet for
Hex(2C609C) contains.

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Color

Hex(2C609C)

Conversions

Conversions Part 1

Format	Color
Hex	2C609C
RGB	44, 96, 156
RGB Percent	17%, 38%, 61%
CMY	0.8275, 0.6235, 0.3882
CMYK	0.72, 0.38, 0.00, 0.39
HSL	212°, 56%, 39%
HSV	212°, 72%, 61%
XYZ	11.2223, 11.3015, 33.0424
YIQ	87.2920, -50.2520, 7.6360

Conversions

Conversions Part 2

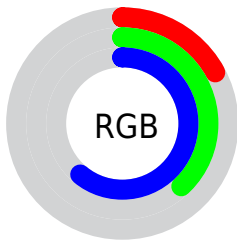
Format	Color
R_{YB}	44, 80, 156
Decimal	2908316
CIE _{Lab}	40.08, 3.55, -37.70
CIE _{LCh}	40, 37.871, 275.383
Yxy	11.3015, 0.2020, 0.2034
Android (android.graphics.Color)	4281098396 (0xFF2C609C)
YUV	87.2920, 33.8730, -37.9671
Hunter-Lab	33.6177, 0.7562, -34.7430

Details

The Hex color **2C609C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9C682C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6792D3**, and **003268** is the 20% darker color. If you saturate the color by 10%, you get **1C589C**, and if you desaturate by 10%, it is **3C689C**.

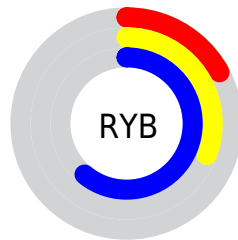
Distribution



Red (17%)

Green (38%)

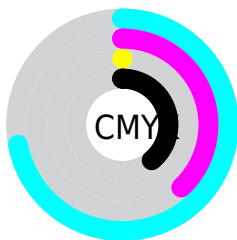
Blue (61%)



Red (17%)

Yellow (31%)

Blue (61%)

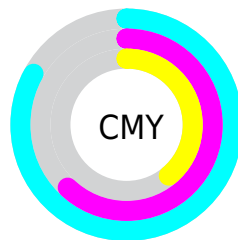


Cyan (72%)

Magenta (38%)

Yellow (0%)

Black (39%)



Cyan (83%)

Magenta (62%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C609C 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 2C609C by changing the saturation by 10% instead.

■ 2C609C

■ 2C609C

FFFFFF

■ 004982

■ 6792D3

■ 003268

■ 84ADEF

■ 001E50

■ A0C8FF

■ 000339

■ BDE4FF

■ 000222

■ DAFFFF

■ 000008

■ F7FFFF

■ 000000

■ 2C609C

■ 2C609C

■ 1C589C

■ 3C689C

■ 0D4F9C

■ 4B719C

■ 00489C

■ 5B799C

■ 6A819C

■ 7A8A9C

■ 8A929C

■ 999B9C

■ A9A39C

■ B8AB9C

Harmonies

Analogous

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



006896



2C609C



685491

Triad

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



2C609C



94483C



196C43

Complementary

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



2C609C



9C682C

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.



4A6729



2C609C



845325

Square

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



2C609C



97435A



6A5F1D



006E63

Rectangle

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



2C609C



804C82



6A5F1D



2E6B3A

Sweetspot

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



2C609C



9FB4CC



2C9C68



4B5866



E6E6E6



666666

Same Dimension

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



2C609C



1D6ECC



302C9C



474B4F



00428F



00070F

Inverse Universe

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



9C2C60



CC1D6E



989C2C



4F474B



8F0042



0F0007

Previews

White Background



This preview shows how the Hex color 2C609C looks on a white background.

Color Contrast Check

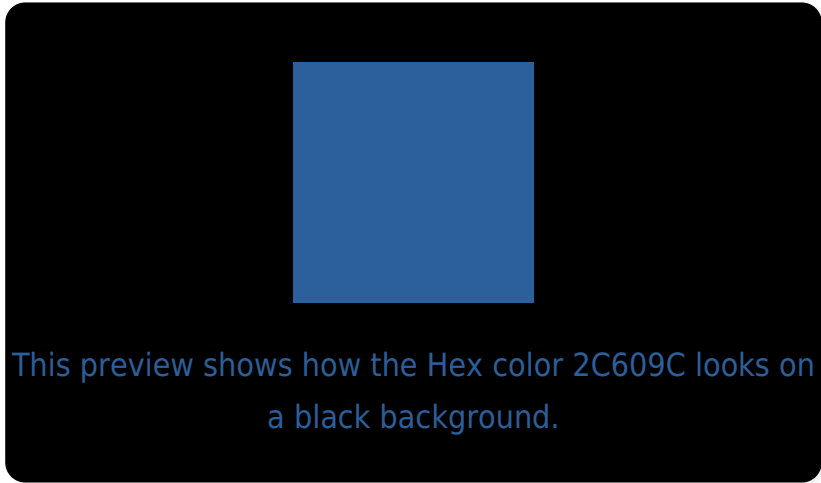
Large Text (above 18pt) WCAG AA ✓ Pass

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

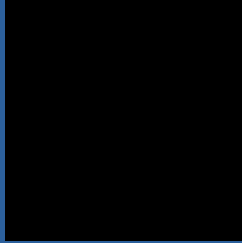
Any Text WCAG AA × Fail

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 2C609C Background



This preview shows how black text looks on a background with the Hex color 2C609C.

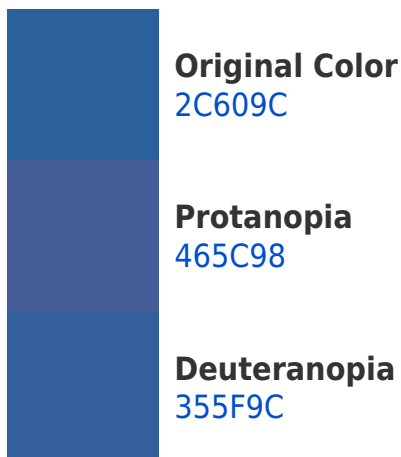


This preview shows how white text looks on a background with the Hex color 2C609C.

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](#).

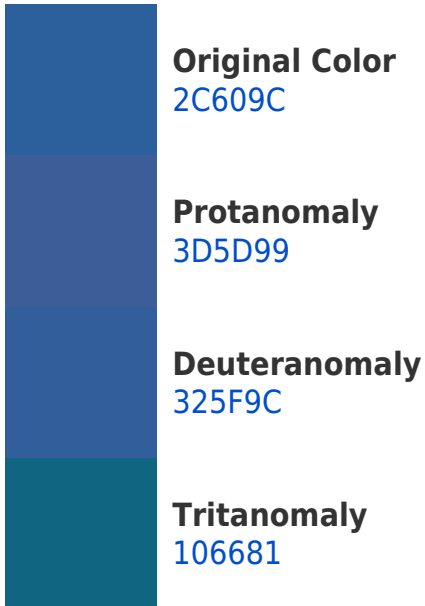
Dichromacy





Tritanopia
006971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C609C 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 #2C609C looks like.

```
.text, #text, p{  
    color:#2C609C  
}
```

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 #2C609C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C609C
}
```

Border

The CSS property to change the border of an element to Hex 2C609C 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
#2C609C }
```

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

```
.border{ border-color:#2C609C }
```

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

Here you see how a box with a 4 pixel #2C609C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C609C; -webkit-box-shadow:4px 4px  
4px 4px #2C609C; box-shadow:4px 4px 4px  
4px #2C609C }
```

Background

The CSS property to change the background color of an element to Hex 2C609C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C609C }
```

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

```
.background{ background-color:#2C609C }
```

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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