

Converting Colors

Hex(2F6D9B)

Have a look what the booklet for
Hex(2F6D9B) contains.

Hex(2F6D9B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F6D9B)

Conversions

Conversions Part 1

Format	Color
Hex	2F6D9B
RGB	47, 109, 155
RGB Percent	18%, 43%, 61%
CMY	0.8157, 0.5725, 0.3922
CMYK	0.70, 0.30, 0.00, 0.39
HSL	206°, 53%, 40%
HSV	206°, 70%, 61%
XYZ	12.5573, 13.9082, 33.0331
YIQ	95.7060, -51.7180, 1.1620

Conversions

Conversions Part 2

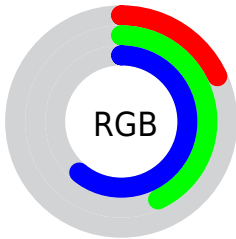
Format	Color
R_{YB}	47, 86, 155
Decimal	3108251
CIE _{Lab}	44.10, -4.40, -30.77
CIE _{LCh}	44, 31.078, 261.864
Yxy	13.9082, 0.2111, 0.2338
Android (android.graphics.Color)	4281298331 (0xFF2F6D9B)
YUV	95.7060, 29.2319, -42.7152
Hunter-Lab	37.2937, -5.1603, -26.4109

Details

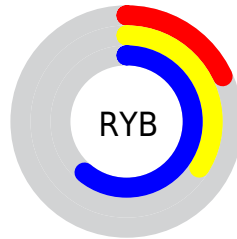
The Hex color **2F6D9B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B5D2F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6AA0D2**, and **003E68** is the 20% darker color. If you saturate the color by 10%, you get **20669B**, and if you desaturate by 10%, it is **3F749B**.

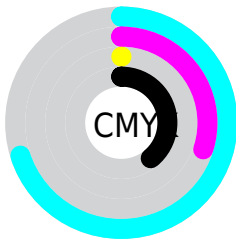
Distribution



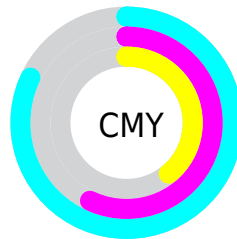
- Red (18%)
- Green (43%)
- Blue (61%)



- Red (18%)
- Yellow (34%)
- Blue (61%)



- Cyan (70%)
- Magenta (30%)
- Yellow (0%)
- Black (39%)



- Cyan (82%)
- Magenta (57%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6D9B 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 2F6D9B by changing the saturation by 10% instead.

■ 2F6D9B

■ 2F6D9B

FFFFFF

■ 015581

■ 6AA0D2

■ 003E68

■ 86BBEE

■ 00284F

■ A2D7FF

■ 001438

■ BFF3FF

■ 000222

■ DCFFFF

■ 000008

■ F9FFFF

■ 000000

■ 2F6D9B

■ 2F6D9B

■ 20669B

■ 3F749B

■ 10609B

■ 4E7A9B

■ 01599B

■ 5E819B

■ 00599B

■ 6D879B

■ 7C8E9B

■ 8C959B

■ 9B9B9B

■ ABA29B

■ BBA89B

Harmonies

Analogous

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



007390



2F6D9B



606498

Triad

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



2F6D9B



9A5456



477247

Complementary

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



2F6D9B



9B5D2F

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.



656D37



2F6D9B



915B41

Square

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



2F6D9B



955470



7F6435



1E7560

Rectangle

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



2F6D9B



785E8F



7F6435



527141

Sweetspot

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



2F6D9B



9FB7C9



2F9B5C



4D5B66



E6E6E6



666666

Same Dimension

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



2F6D9B



2081C9



2F389B



45494D



00518C



00070D

Inverse Universe

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



9B2F6D



C92081



9B922F



4D4549



8C0051



0D0007

Previews

White Background



This preview shows how the Hex color 2F6D9B looks on a white background.

Color Contrast Check

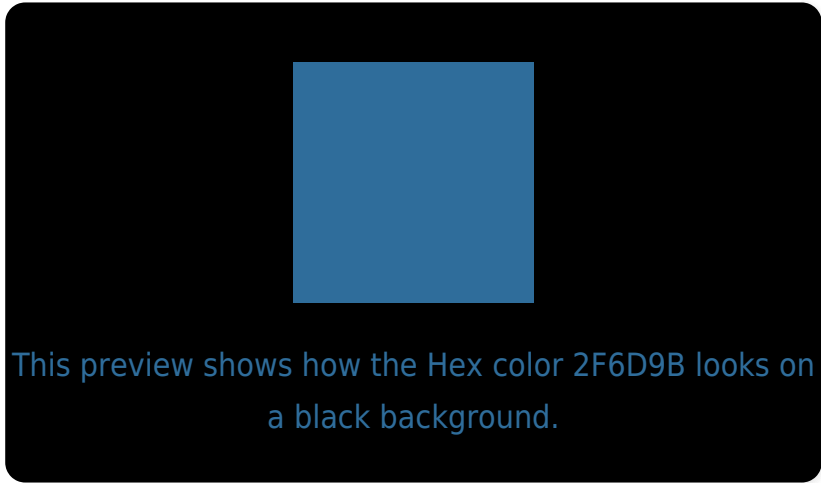
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F6D9B Background



This preview shows how black text looks on a background with the Hex color 2F6D9B.

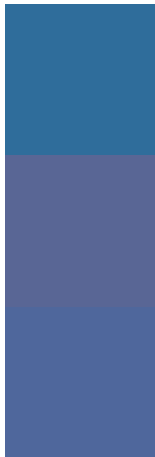


This preview shows how white text looks on a background with the Hex color 2F6D9B.

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
2F6D9B

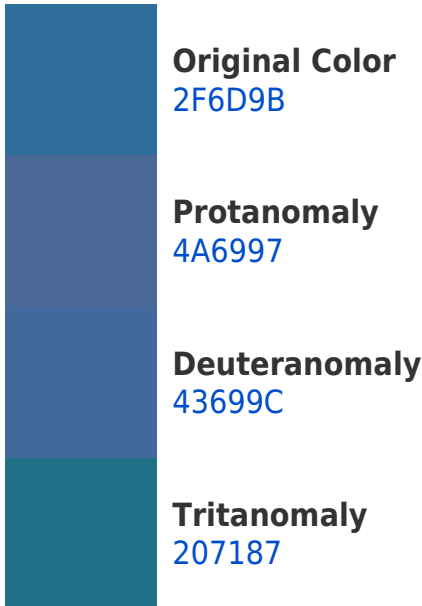
Protanopia
596695

Deuteranopia
4F679C



Tritanopia
18737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6D9B 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 #2F6D9B looks like.

```
.text, #text, p{  
    color:#2F6D9B  
}
```

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 #2F6D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6D9B
}
```

Border

The CSS property to change the border of an element to Hex 2F6D9B 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
#2F6D9B }
```

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

```
.border{ border-color:#2F6D9B }
```

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

Here you see how a box with a 4 pixel #2F6D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6D9B; -webkit-box-shadow:4px 4px  
4px 4px #2F6D9B; box-shadow:4px 4px 4px  
4px #2F6D9B }
```

Background

The CSS property to change the background color of an element to Hex 2F6D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6D9B }
```

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

```
.background{ background-color:#2F6D9B }
```

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