

Converting Colors

Hex(2F678F)

Have a look what the booklet for
Hex(2F678F) contains.

Hex(2F678F)	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(2F678F)

Conversions

Conversions Part 1

Format	Color
Hex	2F678F
RGB	47, 103, 143
RGB Percent	18%, 40%, 56%
CMY	0.8157, 0.5961, 0.4392
CMYK	0.67, 0.28, 0.00, 0.44
HSL	205°, 51%, 37%
HSV	205°, 67%, 56%
XYZ	10.9805, 12.2880, 27.7797
YIQ	90.8160, -46.2160, 0.5680

Conversions

Conversions Part 2

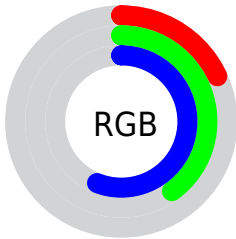
Format	Color
R _Y B	47, 82, 143
Decimal	3106703
CIE Lab	41.67, -5.06, -27.42
CIE LCh	42, 27.880, 259.542
Yxy	12.2880, 0.2151, 0.2407
Android (android.graphics.Color)	4281296783 (0xFF2F678F)
YUV	90.8160, 25.7267, -38.4266
Hunter-Lab	35.0542, -5.4312, -22.4480

Details

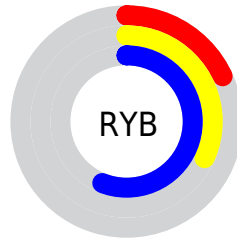
The Hex color **2F678F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8F572F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **679AC5**, and **00385C** is the 20% darker color. If you saturate the color by 10%, you get **21618F**, and if you desaturate by 10%, it is **3D6D8F**.

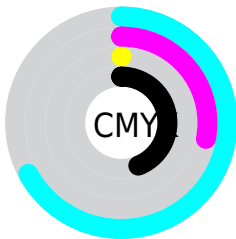
Distribution



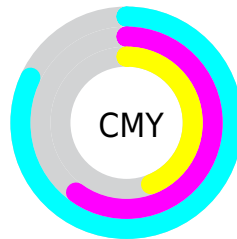
- Red (18%)
- Green (40%)
- Blue (56%)



- Red (18%)
- Yellow (32%)
- Blue (56%)



- Cyan (67%)
- Magenta (28%)
- Yellow (0%)
- Black (44%)



- Cyan (82%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F678F 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 2F678F by changing the saturation by 10% instead.

■ 2F678F

■ 2F678F

FFFFFF

■ 084F75

■ 679AC5

■ 00385C

■ 83B5E1

■ 002345

■ 9FD0FE

■ 000D2E

■ BBECFF

■ 000119

■ D8FFFF

■ 000000

■ F5FFFF

■ 2F678F

■ 2F678F

■ 21618F

■ 3D6D8F

■ 125B8F

■ 4C738F

■ 04558F

■ 5A798F

■ 00538F

■ 687F8F

■ 77858F

■ 858B8F

■ 93918F

■ A1978F

■ B09D8F

Harmonies

Analogous

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



006C85



2F678F



595F8D

Triad

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



2F678F



8F5154



486B44

Complementary

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



2F678F



8F572F

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.



626636



2F678F



885640

Square

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



2F678F



89516B



785E35



276E59

Rectangle

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



2F678F



6E5A86



785E35



51693E

Sweetspot

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



2F678F



95ABBA



2F8F57



48555E



DEDEDE



5E5E5E

Same Dimension

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



2F678F



237BBA



2F378F



404447



004F87



000408

Inverse Universe

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



8F2F67



BA237B



8F872F



474044



87004F



080004

Previews

White Background



This preview shows how the Hex color 2F678F looks on a white background.

Color Contrast Check

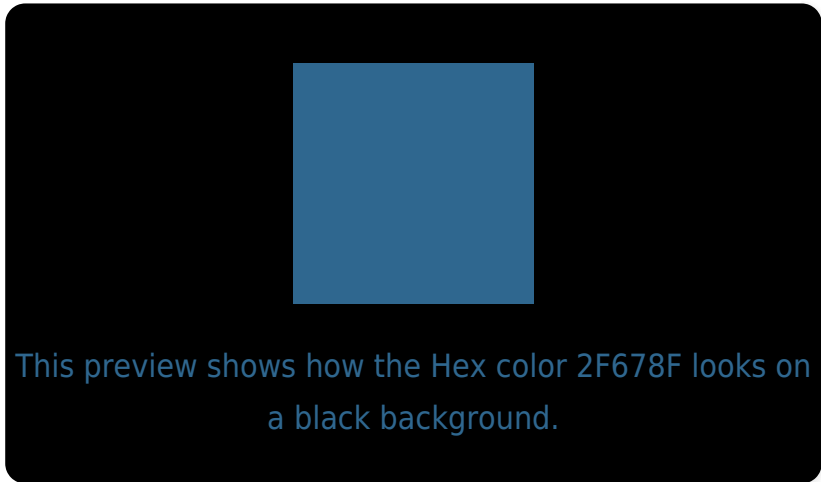
Large Text (above 18pt) WCAG AA ✓ Pass

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

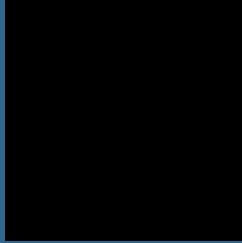
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

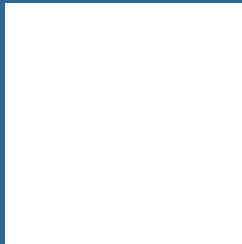
Any Text WCAG AAA × Fail

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

Hex 2F678F Background



This preview shows how black text looks on a background with the Hex color 2F678F.



This preview shows how white text looks on a background with the Hex color 2F678F.

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](#).

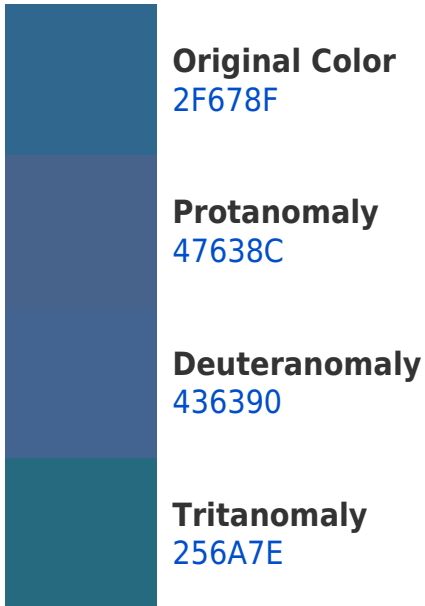
Dichromacy





Tritanopia
1F6C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F678F 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 #2F678F looks like.

```
.text, #text, p{  
    color:#2F678F  
}
```

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 #2F678F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F678F
}
```

Border

The CSS property to change the border of an element to Hex 2F678F 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
#2F678F }
```

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

```
.border{ border-color:#2F678F }
```

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

Here you see how a box with a 4 pixel #2F678F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F678F; -webkit-box-shadow:4px 4px  
4px 4px #2F678F; box-shadow:4px 4px 4px  
4px #2F678F }
```

Background

The CSS property to change the background color of an element to Hex 2F678F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F678F }
```

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

```
.background{ background-color:#2F678F }
```

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