

Converting Colors

Hex(2F567B)

Have a look what the booklet for
Hex(2F567B) contains.

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Color

Hex(2F567B)

Conversions

Conversions Part 1

Format	Color
Hex	2F567B
RGB	47, 86, 123
RGB Percent	18%, 34%, 48%
CMY	0.8157, 0.6627, 0.5176
CMYK	0.62, 0.30, 0.00, 0.52
HSL	209°, 45%, 33%
HSV	209°, 62%, 48%
XYZ	8.0752, 8.6900, 19.9906
YIQ	78.5570, -35.1210, 3.2390

Conversions

Conversions Part 2

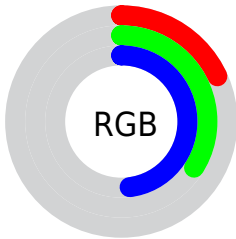
Format	Color
RYB	47, 73, 123
Decimal	3102331
CIELab	35.38, -1.66, -25.08
CIELCh	35, 25.140, 266.214
Yxy	8.6900, 0.2197, 0.2364
Android (android.graphics.Color)	4281292411 (0xFF2F567B)
YUV	78.5570, 21.9104, -27.6755
Hunter-Lab	29.4788, -2.6907, -19.5716




Details

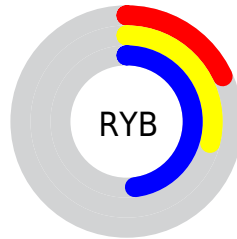
The Hex color **2F567B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7B542F**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **6488B0**, and **00294A** is the 20% darker color. If you saturate the color by 10%, you get **23507B**, and if you desaturate by 10%, it is **3B5C7B**.

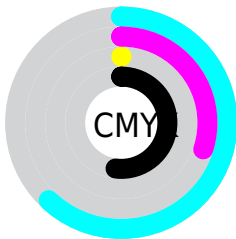
Distribution







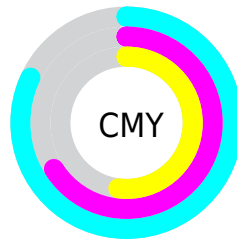
-  Red (18%)
-  Green (34%)
-  Blue (48%)






-  Red (18%)
-  Yellow (29%)
-  Blue (48%)



-  Cyan (62%)
-  Magenta (30%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (82%)
-  Magenta (66%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F567B 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 2F567B by changing the saturation by 10% instead.

■ 2F567B

■ 2F567B

FFFFFF

■ 103F62

■ 6488B0

■ 00294A

■ 7FA2CB

■ 001533

■ 9ABDE7

■ 00021E

■ B5D8FF

■ 000000

■ D2F5FF

■ EFFFFFF

■ 2F567B

■ 2F567B

■ 23507B

■ 3B5C7B

■ 164A7B

■ 48627B

■ 0A447B

■ 54687B

■ 003F7B

■ 606E7B

■ 6D747B

■ 797A7B

■ 85807B

■ 91867B

■ 9E8C7B

Harmonies

Analogous

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



005B74



2F567B



514F77

Triad

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



2F567B



794443



365C3C

Complementary

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



2F567B



7B542F

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.



4E572E



2F567B



724A32

Square

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



2F567B



774357



62512B



175E50

Rectangle

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



2F567B



634A6F



62512B



3F5A37

Sweetspot

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



2F567B



8292A1



2F7B54



3F4852



D1D1D1



525252

Same Dimension

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



2F567B



2A67A1



2F307B



373A3D



00407D



0082FC

Inverse Universe

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



7B2F56



A12A67



7B7A2F



3D373A



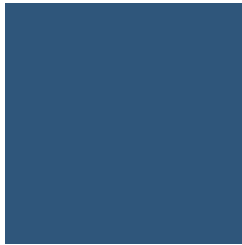
7D0040



FC0082

Previews

White Background



This preview shows how the Hex color 2F567B looks on a white background.

Color Contrast Check

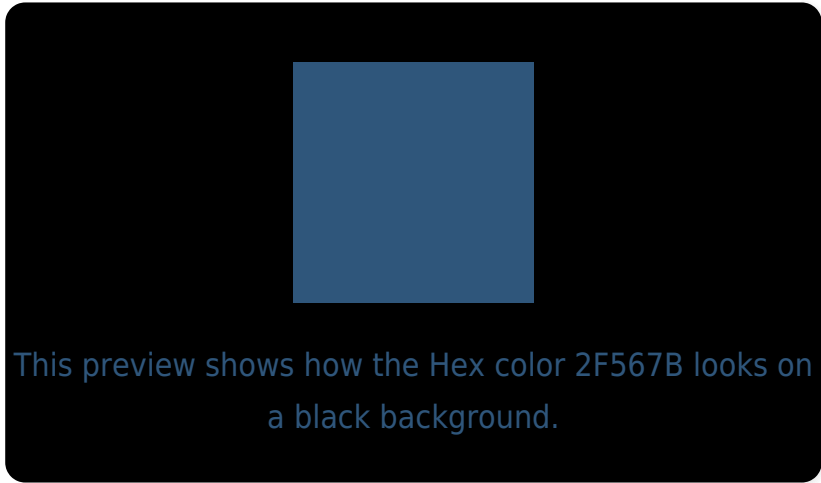
Large Text (above 18pt) WCAG AA ✓ Pass

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

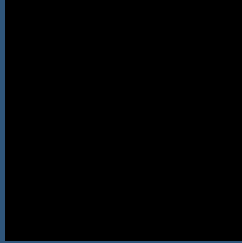
Any Text WCAG AA × Fail

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 2F567B Background



This preview shows how black text looks on a background with the Hex color 2F567B.

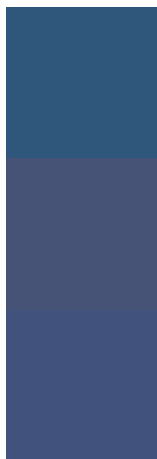


This preview shows how white text looks on a background with the Hex color 2F567B.

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
2F567B

Protanopia
475277

Deuteranopia
41537C



Tritanopia
235B62

Trichromacy



Original Color

2F567B

Protanomaly

3E5378

Deuteranomaly

3A547C

Tritanomaly

27596B

Monochromacy



Original Color

2F567B

Achromatopsia

4F4F4F

Achromatomaly

43525F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F567B 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 #2F567B looks like.

```
.text, #text, p{  
    color:#2F567B  
}
```

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 #2F567B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F567B
}
```

Border

The CSS property to change the border of an element to Hex 2F567B 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
#2F567B }
```

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

```
.border{ border-color:#2F567B }
```

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

Here you see how a box with a 4 pixel #2F567B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F567B; -webkit-box-shadow:4px 4px  
4px 4px #2F567B; box-shadow:4px 4px 4px  
4px #2F567B }
```

Background

The CSS property to change the background color of an element to Hex 2F567B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F567B }
```

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

```
.background{ background-color:#2F567B }
```

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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