

Converting Colors

Hex(2F617E)

Have a look what the booklet for
Hex(2F617E) contains.

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Color

Hex(2F617E)

Conversions

Conversions Part 1

Format	Color
Hex	2F617E
RGB	47, 97, 126
RGB Percent	18%, 38%, 49%
CMY	0.8157, 0.6196, 0.5059
CMYK	0.63, 0.23, 0.00, 0.51
HSL	202°, 46%, 34%
HSV	202°, 63%, 49%
XYZ	9.2129, 10.6601, 21.3107
YIQ	85.3560, -39.1090, -1.5810

Conversions

Conversions Part 2

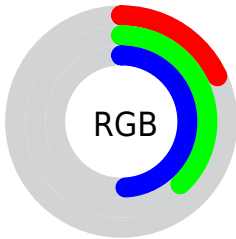
Format	Color
RYB	47, 78, 126
Decimal	3105150
CIELab	39.00, -7.40, -21.29
CIElCh	39, 22.538, 250.838
Yxy	10.6601, 0.2237, 0.2588
Android (android.graphics.Color)	4281295230 (0xFF2F617E)
YUV	85.3560, 20.0375, -33.6382
Hunter-Lab	32.6498, -6.7693, -15.8441

Details

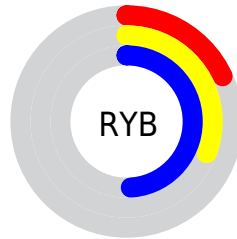
The Hex color **2F617E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7E4C2F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6594B3**, and **00334D** is the 20% darker color. If you saturate the color by 10%, you get **225C7E**, and if you desaturate by 10%, it is **3C667E**.

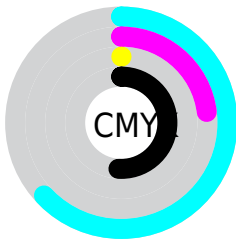
Distribution



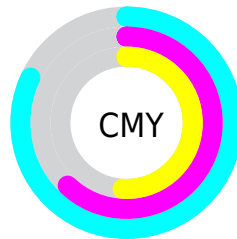
- Red (18%)
- Green (38%)
- Blue (49%)



- Red (18%)
- Yellow (31%)
- Blue (49%)



- Cyan (63%)
- Magenta (23%)
- Yellow (0%)
- Black (51%)



- Cyan (82%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F617E 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 2F617E by changing the saturation by 10% instead.

■ 2F617E

■ 2F617E

FFFFFF

■ 0F4965

■ 6594B3

■ 00334D

■ 80AECE

■ 001E36

■ 9BC9EB

■ 000221

■ B7E6FF

■ 000006

■ D3FFFF

■ 000000

■ F0FFFF

■ 2F617E

■ 2F617E

■ 225C7E

■ 3C667E

■ 16587E

■ 486A7E

■ 09537E

■ 556F7E

■ 00507E

■ 61747E

■ 6E787E

■ 7B7D7E

■ 87817E

■ 94867E

■ A08B7E

Harmonies

Analogous

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



186573



2F617E



4D5B80

Triad

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



2F617E



804E56



4D6240

Complementary

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



2F617E



7E4C2F

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.



625D37



2F617E



7D5145

Square

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



2F617E



784F68



72573A



37654F

Rectangle

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



2F617E



5F577B



72573A



54603C

Sweetspot

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



2F617E



8498A3



2F7E4C



3F4B52



D1D1D1



525252

Same Dimension

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



2F617E



2976A3



2F3A7E



393D40



005180



000000

Inverse Universe

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



7E2F61



A32976



7E732F



40393D



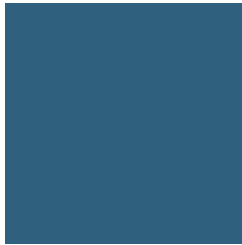
800051



000000

Previews

White Background



This preview shows how the Hex color 2F617E looks on a white background.

Color Contrast Check

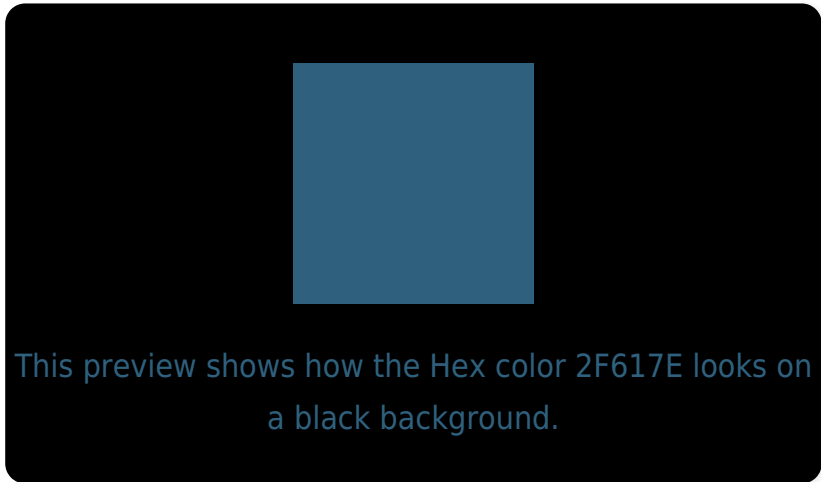
Large Text (above 18pt) WCAG AA ✓ Pass

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

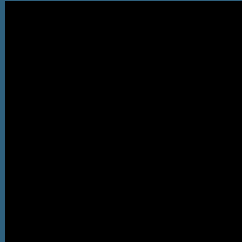
Any Text WCAG AA × Fail

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 2F617E Background



This preview shows how black text looks on a background with the Hex color 2F617E.




This preview shows how white text looks on a background with the Hex color 2F617E.

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](#).

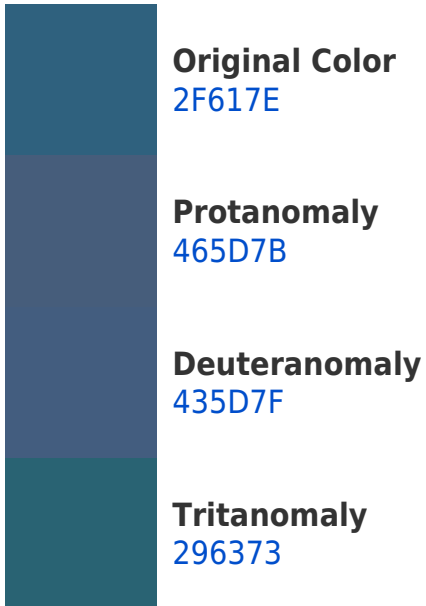
Dichromacy





Tritanopia
26646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F617E 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 #2F617E looks like.

```
.text, #text, p{  
    color:#2F617E  
}
```

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 #2F617E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F617E
}
```

Border

The CSS property to change the border of an element to Hex 2F617E 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
#2F617E }
```

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

```
.border{ border-color:#2F617E }
```

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

Here you see how a box with a 4 pixel #2F617E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F617E; -webkit-box-shadow:4px 4px  
4px 4px #2F617E; box-shadow:4px 4px 4px  
4px #2F617E }
```

Background

The CSS property to change the background color of an element to Hex 2F617E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F617E }
```

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

```
.background{ background-color:#2F617E }
```

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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