

Converting Colors

Hex(2F5E8E)

Have a look what the booklet for
Hex(2F5E8E) contains.

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Color

Hex(2F5E8E)

Conversions

Conversions Part 1

Format	Color
Hex	2F5E8E
RGB	47, 94, 142
RGB Percent	18%, 37%, 56%
CMY	0.8157, 0.6314, 0.4431
CMYK	0.67, 0.34, 0.00, 0.44
HSL	210°, 50%, 37%
HSV	210°, 67%, 56%
XYZ	10.0575, 10.5627, 27.0999
YIQ	85.4190, -43.4200, 4.9640

Conversions

Conversions Part 2

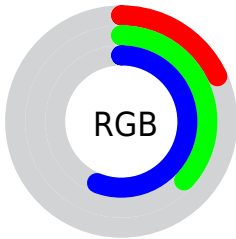
Format	Color
R _Y B	47, 78, 142
Decimal	3104398
CIE Lab	38.83, 0.14, -31.26
CIE LCh	39, 31.264, 270.257
Yxy	10.5627, 0.2108, 0.2213
Android (android.graphics.Color)	4281294478 (0xFF2F5E8E)
YUV	85.4190, 27.8944, -33.6935
Hunter-Lab	32.5004, -1.6375, -26.6878

Details

The Hex color **2F5E8E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8E5F2F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6790C4**, and **00305B** is the 20% darker color. If you saturate the color by 10%, you get **21578E**, and if you desaturate by 10%, it is **3D658E**.

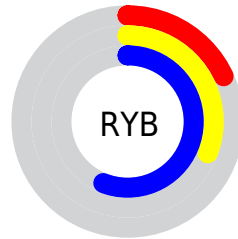
Distribution



Red (18%)

Green (37%)

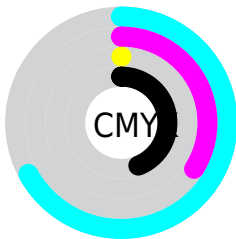
Blue (56%)



Red (18%)

Yellow (31%)

Blue (56%)

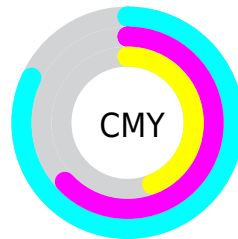


Cyan (67%)

Magenta (34%)

Yellow (0%)

Black (44%)



Cyan (82%)

Magenta (63%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5E8E 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 2F5E8E by changing the saturation by 10% instead.

■ 2F5E8E

■ 2F5E8E

FFFFFF

■ 094774

■ 6790C4

■ 00305B

■ 83ABE0

■ 001C44

■ 9EC6FD

■ 00032D

■ BBE2FF

■ 000118

■ D7FEFF

■ 000000

■ F5FFFF

■ 2F5E8E

■ 2F5E8E

■ 21578E

■ 3D658E

■ 13508E

■ 4B6C8E

■ 04488E

■ 5A748E

■ 00468E

■ 687B8E

■ 76828E

■ 84898E

■ 92908E

■ A1978E

■ AF9F8E

Harmonies

Analogous

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



006587



2F5E8E



5D5587

Triad

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



2F5E8E



8A4943



306641

Complementary

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



2F5E8E



8E5F2F

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.



51612E



2F5E8E



7F5130

Square

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



2F5E8E



8A465C



6A5A27



00685B

Rectangle

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



2F5E8E



734E7C



6A5A27



3C653A

Sweetspot

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



2F5E8E



93A5B8



2F8E5F



46515C



DBDBDB



5C5C5C

Same Dimension

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



2F5E8E



256DB8



2F2F8E



404447



004387



000408

Inverse Universe

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



8E2F5E



B8256D



8E8E2F



474044



870043



080004

Previews

White Background



This preview shows how the Hex color 2F5E8E looks on a white background.

Color Contrast Check

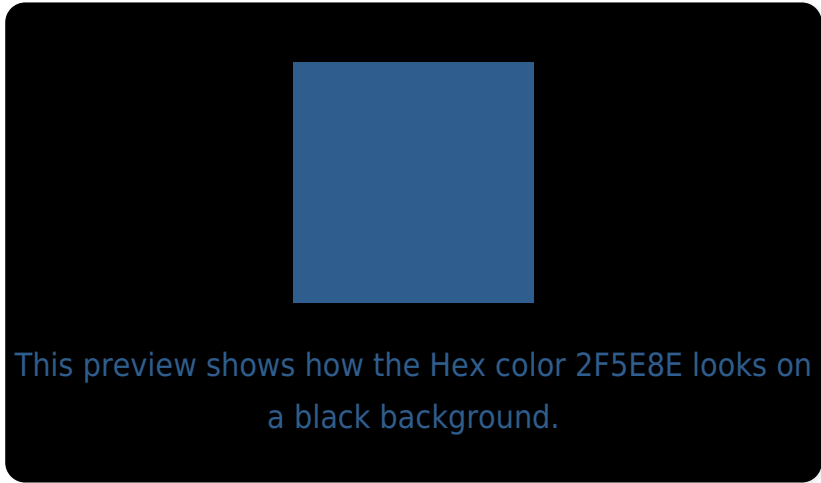
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F5E8E Background



This preview shows how black text looks on a background with the Hex color 2F5E8E.



This preview shows how white text looks on a background with the Hex color 2F5E8E.

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
2F5E8E

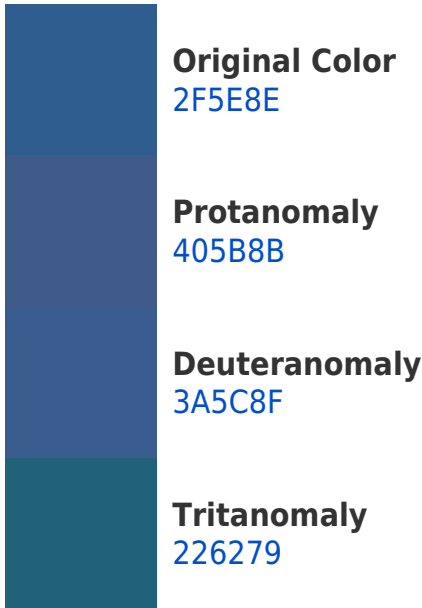
Protanopia
4A598A

Deuteranopia
405B8F

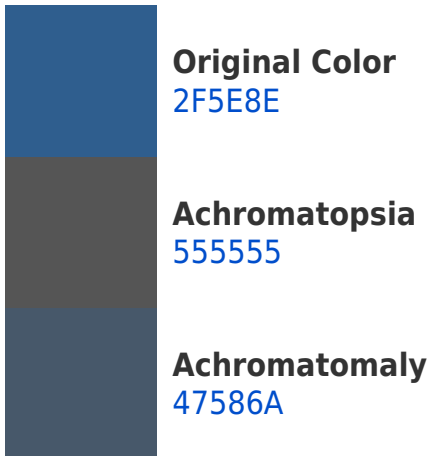


Tritanopia
1A656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5E8E 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 #2F5E8E looks like.

```
.text, #text, p{  
    color:#2F5E8E  
}
```

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 #2F5E8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5E8E
}
```

Border

The CSS property to change the border of an element to Hex 2F5E8E 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
#2F5E8E }
```

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

```
.border{ border-color:#2F5E8E }
```

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

Here you see how a box with a 4 pixel #2F5E8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5E8E; -webkit-box-shadow:4px 4px  
4px 4px #2F5E8E; box-shadow:4px 4px 4px  
4px #2F5E8E }
```

Background

The CSS property to change the background color of an element to Hex 2F5E8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5E8E }
```

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

```
.background{ background-color:#2F5E8E }
```

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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