

Converting Colors

Hex(2F5C88)

Have a look what the booklet for
Hex(2F5C88) contains.

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Color

Hex(2F5C88)

Conversions

Conversions Part 1

Format	Color
Hex	2F5C88
RGB	47, 92, 136
RGB Percent	18%, 36%, 53%
CMY	0.8157, 0.6392, 0.4667
CMYK	0.65, 0.32, 0.00, 0.47
HSL	210°, 49%, 36%
HSV	210°, 65%, 53%
XYZ	9.4434, 10.0362, 24.7320
YIQ	83.5610, -40.9440, 4.1440

Conversions

Conversions Part 2

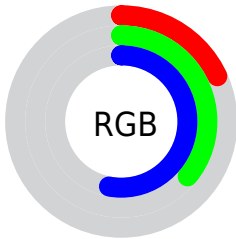
Format	Color
RYB	47, 77, 136
Decimal	3103880
CIELab	37.91, -0.78, -29.09
CIElCh	38, 29.096, 268.464
Yxy	10.0362, 0.2136, 0.2270
Android (android.graphics.Color)	4281293960 (0xFF2F5C88)
YUV	83.5610, 25.8524, -32.0640
Hunter-Lab	31.6800, -2.2315, -24.1107

Details

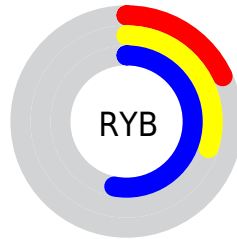
The Hex color **2F5C88** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **885B2F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **668EBE**, and **002F56** is the 20% darker color. If you saturate the color by 10%, you get **215588**, and if you desaturate by 10%, it is **3D6388**.

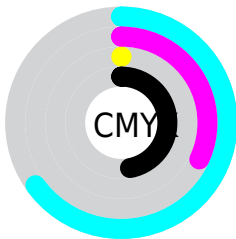
Distribution



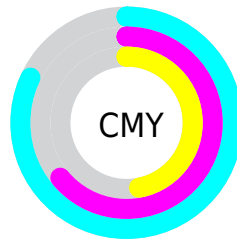
- Red (18%)
- Green (36%)
- Blue (53%)



- Red (18%)
- Yellow (30%)
- Blue (53%)



- Cyan (65%)
- Magenta (32%)
- Yellow (0%)
- Black (47%)



- Cyan (82%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5C88 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 2F5C88 by changing the saturation by 10% instead.

■ 2F5C88

■ 2F5C88

FFFFFF

■ 0C456E

■ 668EBE

■ 002F56

■ 81A8D9

■ 001A3E

■ 9DC3F6

■ 000328

■ B9DFFF

■ 000112

■ D6FCFF

■ 000000

■ F3FFFF

■ 2F5C88

■ 2F5C88

■ 215588

■ 3D6388

■ 144F88

■ 4A6988

■ 064888

■ 587088

■ 004588

■ 657788

■ 737E88

■ 818488

■ 8E8B88

■ 9C9288

■ A99988

Harmonies

Analogous

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



006281



2F5C88



595483

Triad

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



2F5C88



854844



346340

Complementary

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



2F5C88



885B2F

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.



515E2F



2F5C88



7B4F32

Square

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



2F5C88



84465B



695729



006557

Rectangle

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



2F5C88



6D4E79



695729



3E6239

Sweetspot

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



2F5C88



8D9FB0



2F885A



444F59



D9D9D9



595959

Same Dimension

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



2F5C88



256BB0



2F3088



3E4145



004385



000305

Inverse Universe

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



882F5C



B0256B



88872F



453E41



850043



050003

Previews

White Background



This preview shows how the Hex color 2F5C88 looks on a white background.

Color Contrast Check

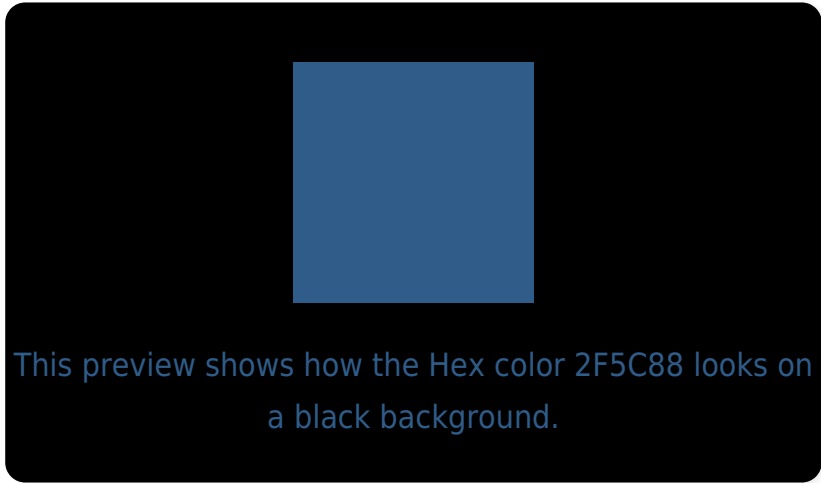
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F5C88 Background



This preview shows how black text looks on a background with the Hex color 2F5C88.

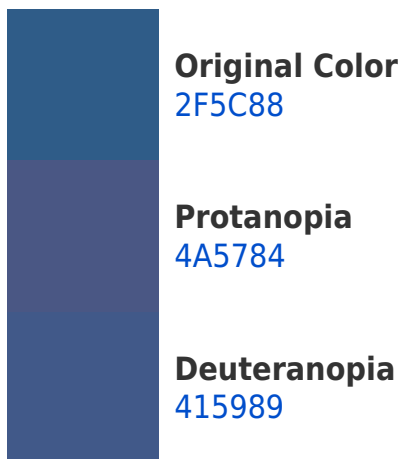



This preview shows how white text looks on a background with the Hex color 2F5C88.

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
1E626A

Trichromacy



Original Color
2F5C88

Protanomaly
405985

Deuteranomaly
3A5A89

Tritanomaly
246075

Monochromacy



Original Color
2F5C88

Achromatopsia
545454

Achromatomaly
475767

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5C88 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 #2F5C88 looks like.

```
.text, #text, p{  
    color:#2F5C88  
}
```

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 #2F5C88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5C88
}
```

Border

The CSS property to change the border of an element to Hex 2F5C88 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
#2F5C88 }
```

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

```
.border{ border-color:#2F5C88 }
```

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

Here you see how a box with a 4 pixel #2F5C88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5C88; -webkit-box-shadow:4px 4px  
4px 4px #2F5C88; box-shadow:4px 4px 4px  
4px #2F5C88 }
```

Background

The CSS property to change the background color of an element to Hex 2F5C88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5C88 }
```

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

```
.background{ background-color:#2F5C88 }
```

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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