

Converting Colors

Hex(2F4577)

Have a look what the booklet for
Hex(2F4577) contains.

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Color

Hex(2F4577)

Conversions

Conversions Part 1

Format	Color
Hex	2F4577
RGB	47, 69, 119
RGB Percent	18%, 27%, 47%
CMY	0.8157, 0.7294, 0.5333
CMYK	0.61, 0.42, 0.00, 0.53
HSL	222°, 43%, 33%
HSV	222°, 61%, 47%
XYZ	6.6302, 6.1925, 18.2986
YIQ	68.1220, -29.1620, 10.8860

Conversions

Conversions Part 2

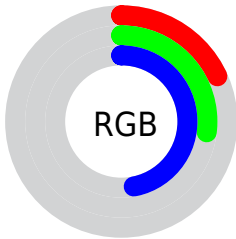
Format	Color
R_YB	47, 64, 119
Decimal	3097975
CIE _{Lab}	29.89, 8.01, -31.24
CIE _{LCh}	30, 32.254, 284.381
Yxy	6.1925, 0.2130, 0.1990
Android (android.graphics.Color)	4281288055 (0xFF2F4577)
YUV	68.1220, 25.0829, -18.5240
Hunter-Lab	24.8847, 4.0106, -26.1787

Details

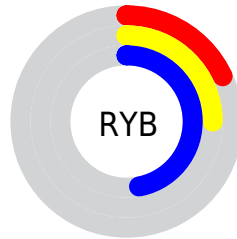
The Hex color **2F4577** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **77612F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6375AC**, and **001B46** is the 20% darker color. If you saturate the color by 10%, you get **233D77**, and if you desaturate by 10%, it is **3B4D77**.

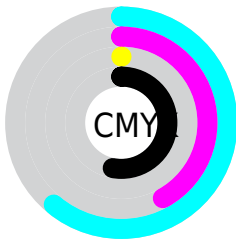
Distribution



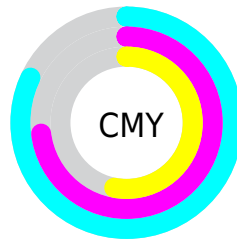
- Red (18%)
- Green (27%)
- Blue (47%)



- Red (18%)
- Yellow (25%)
- Blue (47%)



- Cyan (61%)
- Magenta (42%)
- Yellow (0%)
- Black (53%)



- Cyan (82%)
- Magenta (73%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4577 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 2F4577 by changing the saturation by 10% instead.

■ 2F4577

■ 2F4577

FFFFFF

■ 112F5E

■ 6375AC

■ 001B46

■ 7E8EC7

■ 000030

■ 99A9E3

■ 00011A

■ B5C4FF

■ 000000

■ D1E0FF

■ EEFCFF

■ 2F4577

■ 2F4577

■ 233D77

■ 3B4D77

■ 173477

■ 475677

■ 0B2C77

■ 535E77

■ 002477

■ 5F6677

■ 6A6E77

■ 767777

■ 827F77

■ 8E8777

■ 9A8F77

Harmonies

Analogous

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



004D76



2F4577



573B6A

Triad

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



2F4577



6F3724



005238

Complementary

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



2F4577



77612F

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.



2C4F21



2F4577



5F4014

Square

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



2F4577



75303B



494912



005352

Rectangle

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



2F4577



68345D



494912



0E5130

Sweetspot

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



2F4577



80889C



2F7760



3E434F



CFCFCF



4F4F4F

Same Dimension

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



2F4577



2A4D9C



3C2F77



35373B



00257A



004CFA

Inverse Universe

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



772F45



9C2A4D



6A772F



3B3537



7A0025



FA004C

Previews

White Background



This preview shows how the Hex color 2F4577 looks on a white background.

Color Contrast Check

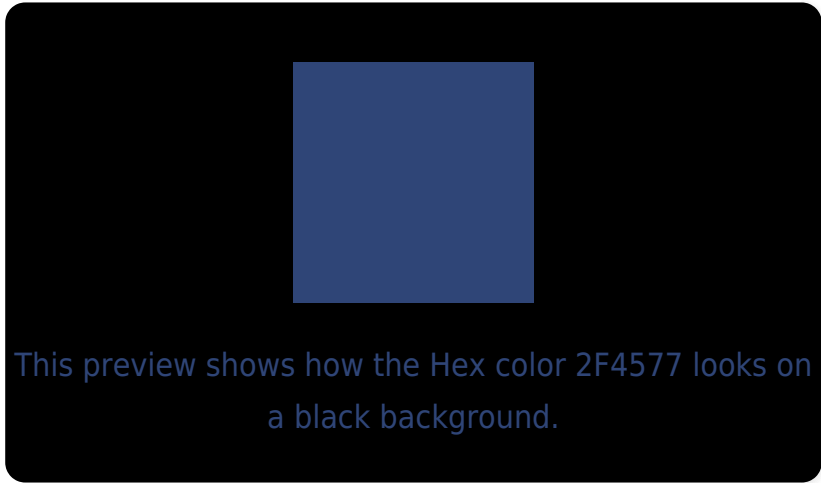
Large Text (above 18pt) WCAG AA ✓ Pass

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

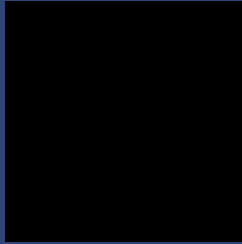
Any Text WCAG AA × Fail

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 2F4577 Background



This preview shows how black text looks on a background with the Hex color 2F4577.



This preview shows how white text looks on a background with the Hex color 2F4577.

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

2F4577

Protanopia

314577

Deuteranopia

244777



Tritanopia
1E4D53

Trichromacy



Original Color
2F4577

Protanomaly
304577

Deuteranomaly
284677

Tritanomaly
244A60

Monochromacy



Original Color
2F4577

Achromatopsia
444444

Achromatomaly
3C4457

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4577 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 #2F4577 looks like.

```
.text, #text, p{  
    color:#2F4577  
}
```

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 #2F4577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4577  
}
```

Border

The CSS property to change the border of an element to Hex 2F4577 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  
#2F4577 }
```

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

```
.border{ border-color:#2F4577 }
```

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

Here you see how a box with a 4 pixel #2F4577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4577; -webkit-box-shadow:4px 4px  
4px 4px #2F4577; box-shadow:4px 4px 4px  
4px #2F4577 }
```

Background

The CSS property to change the background color of an element to Hex 2F4577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4577 }
```

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

```
.background{ background-color:#2F4577 }
```

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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