

Converting Colors

Hex(2F4170)

Have a look what the booklet for
Hex(2F4170) contains.

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Color

Hex(2F4170)

Conversions

Conversions Part 1

Format	Color
Hex	2F4170
RGB	47, 65, 112
RGB Percent	18%, 25%, 44%
CMY	0.8157, 0.7451, 0.5608
CMYK	0.58, 0.42, 0.00, 0.56
HSL	223°, 41%, 31%
HSV	223°, 58%, 44%
XYZ	5.9872, 5.5548, 16.0859
YIQ	64.9760, -25.8150, 10.8010

Conversions

Conversions Part 2

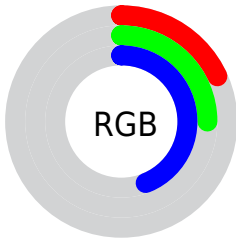
Format	Color
R_{YB}	47, 61, 112
Decimal	3096944
CIE Lab	28.26, 8.17, -29.42
CIE LCh	28, 30.530, 285.517
Yxy	5.5548, 0.2167, 0.2011
Android (android.graphics.Color)	4281287024 (0xFF2F4170)
YUV	64.9760, 23.1828, -15.7650
Hunter-Lab	23.5686, 4.1000, -23.9681




Details

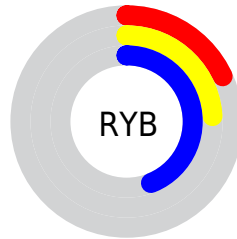
The Hex color **2F4170** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **705E2F**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **6271A4**, and **001740** is the 20% darker color. If you saturate the color by 10%, you get **243970**, and if you desaturate by 10%, it is **3A4970**.

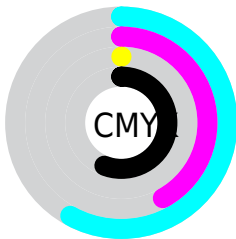
Distribution







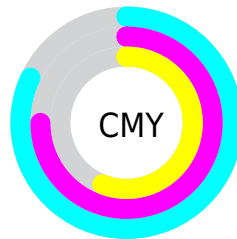
-  Red (18%)
-  Green (25%)
-  Blue (44%)






-  Red (18%)
-  Yellow (24%)
-  Blue (44%)



-  Cyan (58%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (82%)
-  Magenta (75%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4170 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 2F4170 by changing the saturation by 10% instead.

■ 2F4170

■ 2F4170

FFFFFF

■ 132B57

■ 6271A4

■ 001740

■ 7D8ABF

■ 00022A

■ 97A4DB

■ 000114

■ B3BFF8

■ 000000

■ CFDBFF

■ ECF7FF

■ 2F4170

■ 2F4170

■ 243970

■ 3A4970

■ 193170

■ 455170

■ 0D2970

■ 515970

■ 022170

■ 5C6170

■ 001F70

■ 676970

■ 727270

■ 7D7A70

■ 898270

■ 948A70

Harmonies

Analogous

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



004870



2F4170



543764

Triad

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



2F4170



683422



004D36

Complementary

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



2F4170



705E2F

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.



294B20



2F4170



593D13

Square

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



2F4170



6E2E37



444512



004E4E

Rectangle

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



2F4170



633157



444512



0C4D2E

Sweetspot

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



2F4170



797F91



2F705E



3B3F4A



C9C9C9



4A4A4A

Same Dimension

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



2F4170



2C4891



3D2F70



323438



002178



0044F7

Inverse Universe

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



702F41



912C48



62702F



383234



780021



F70044

Previews

White Background



This preview shows how the Hex color 2F4170 looks on a white background.

Color Contrast Check

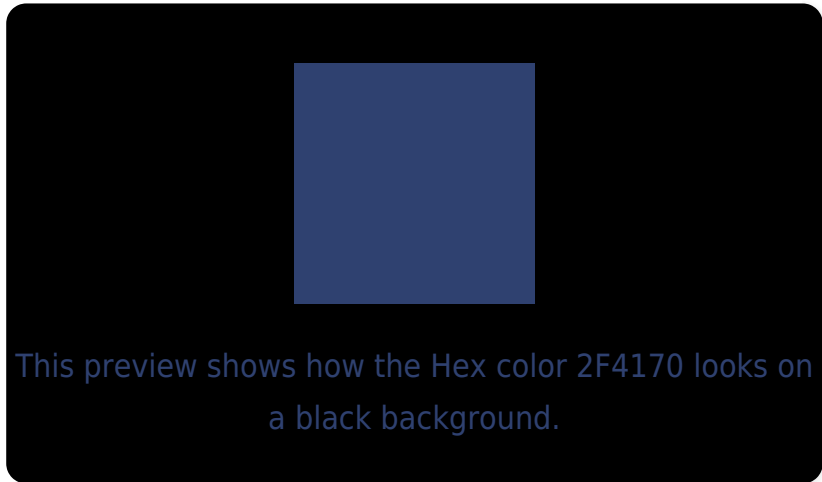
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F4170 Background



This preview shows how black text looks on a background with the Hex color 2F4170.



This preview shows how white text looks on a background with the Hex color 2F4170.

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
2F4170

Protanopia
2F4170

Deuteranopia
244370



Tritanopia
21484E

Trichromacy



Original Color
2F4170

Protanomaly
2F4170

Deuteranomaly
284270

Tritanomaly
26455A

Monochromacy



Original Color
2F4170

Achromatopsia
414141

Achromatomaly
3A4152

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4170 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 #2F4170 looks like.

```
.text, #text, p{  
    color:#2F4170  
}
```

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 #2F4170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4170
}
```

Border

The CSS property to change the border of an element to Hex 2F4170 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
#2F4170 }
```

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

```
.border{ border-color:#2F4170 }
```

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

Here you see how a box with a 4 pixel #2F4170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4170; -webkit-box-shadow:4px 4px  
4px 4px #2F4170; box-shadow:4px 4px 4px  
4px #2F4170 }
```

Background

The CSS property to change the background color of an element to Hex 2F4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4170 }
```

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

```
.background{ background-color:#2F4170 }
```

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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