

Converting Colors

Hex(2F4272)

Have a look what the booklet for
Hex(2F4272) contains.

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Color

Hex(2F4272)

Conversions

Conversions Part 1

Format	Color
Hex	2F4272
RGB	47, 66, 114
RGB Percent	18%, 26%, 45%
CMY	0.8157, 0.7412, 0.5529
CMYK	0.59, 0.42, 0.00, 0.55
HSL	223°, 42%, 32%
HSV	223°, 59%, 45%
XYZ	6.1578, 5.7157, 16.6983
YIQ	65.7910, -26.7320, 10.9000

Conversions

Conversions Part 2

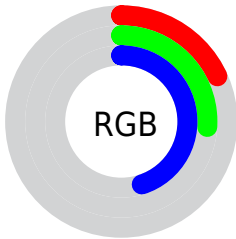
Format	Color
R_{YB}	47, 62, 114
Decimal	3097202
CIE _{Lab}	28.68, 8.21, -30.01
CIE _{LCh}	29, 31.117, 285.307
Yxy	5.7157, 0.2155, 0.2000
Android (android.graphics.Color)	4281287282 (0xFF2F4272)
YUV	65.7910, 23.7670, -16.4797
Hunter-Lab	23.9075, 4.1376, -24.6761

Details

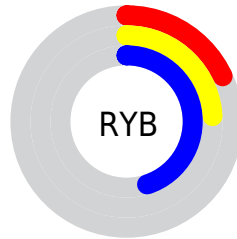
The Hex color **2F4272** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **725F2F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6372A6**, and **001841** is the 20% darker color. If you saturate the color by 10%, you get **243A72**, and if you desaturate by 10%, it is **3A4A72**.

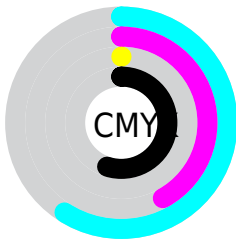
Distribution



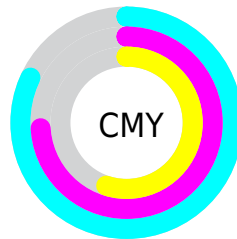
- Red (18%)
- Green (26%)
- Blue (45%)



- Red (18%)
- Yellow (24%)
- Blue (45%)



- Cyan (59%)
- Magenta (42%)
- Yellow (0%)
- Black (55%)



- Cyan (82%)
- Magenta (74%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4272 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 2F4272 by changing the saturation by 10% instead.

■ 2F4272

■ 2F4272

FFFFFF

■ 132C59

■ 6372A6

■ 001841

■ 7D8BC2

■ 00012B

■ 98A5DE

■ 000116

■ B3C0FA

■ 000000

■ CFDCFF

■ ECF9FF

■ 2F4272

■ 2F4272

■ 243A72

■ 3A4A72

■ 183272

■ 465272

■ 0D2972

■ 515B72

■ 012172

■ 5D6372

■ 002072

■ 686B72

■ 737372

■ 7F7B72

■ 8A8372

■ 968C72

Harmonies

Analogous

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



004A72



2F4272



553866

Triad

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



2F4272



6A3522



004F37

Complementary

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



2F4272



725F2F

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.



2A4C20



2F4272



5B3E13

Square

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



2F4272



702E38



454612



004F50

Rectangle

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



2F4272



643258



454612



0C4E2F

Sweetspot

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



2F4272



798194



2F725E



3A3E4A



C9C9C9



4A4A4A

Same Dimension

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



2F4272



2B4994



3C2F72



323438



002278



0046F7

Inverse Universe

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



722F42



942B49



65722F



383234



780022



F70046

Previews

White Background



This preview shows how the Hex color 2F4272 looks on a white background.

Color Contrast Check

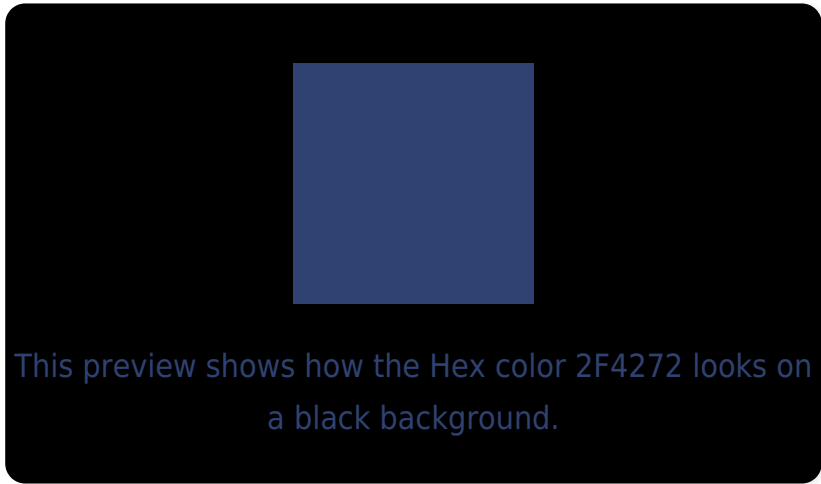
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F4272 Background



This preview shows how black text looks on a background with the Hex color 2F4272.



This preview shows how white text looks on a background with the Hex color 2F4272.

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

2F4272

Protanopia

2F4272

Deuteranopia

244472



Tritanopia
204A4F

Trichromacy



Original Color
2F4272

Protanomaly
2F4272

Deuteranomaly
284372

Tritanomaly
25475C

Monochromacy



Original Color
2F4272

Achromatopsia
424242

Achromatomaly
3B4253

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4272 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 #2F4272 looks like.

```
.text, #text, p{  
    color:#2F4272  
}
```

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 #2F4272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4272
}
```

Border

The CSS property to change the border of an element to Hex 2F4272 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
#2F4272 }
```

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

```
.border{ border-color:#2F4272 }
```

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

Here you see how a box with a 4 pixel #2F4272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4272; -webkit-box-shadow:4px 4px  
4px 4px #2F4272; box-shadow:4px 4px 4px  
4px #2F4272 }
```

Background

The CSS property to change the background color of an element to Hex 2F4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4272 }
```

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

```
.background{ background-color:#2F4272 }
```

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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