

Converting Colors

Hex(2F306A)

Have a look what the booklet for
Hex(2F306A) contains.

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Color

Hex(2F306A)

Conversions

Conversions Part 1

Format	Color
Hex	2F306A
RGB	47, 48, 106
RGB Percent	18%, 19%, 42%
CMY	0.8157, 0.8118, 0.5843
CMYK	0.56, 0.55, 0.00, 0.58
HSL	239°, 39%, 30%
HSV	239°, 56%, 42%
XYZ	4.8308, 3.7588, 14.1066
YIQ	54.3130, -19.2140, 17.8260

Conversions

Conversions Part 2

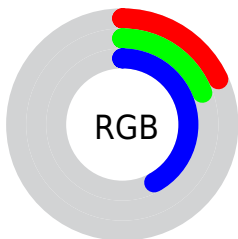
Format	Color
R_{YB}	47, 48, 106
Decimal	3092586
CIE Lab	22.86, 17.72, -34.20
CIE LCh	23, 38.522, 297.386
Yxy	3.7588, 0.2128, 0.1656
Android (android.graphics.Color)	4281282666 (0xFF2F306A)
YUV	54.3130, 25.4817, -6.4135
Hunter-Lab	19.3878, 10.5475, -29.5682

Details

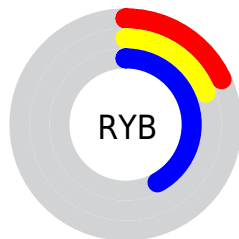
The Hex color **2F306A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6A692F**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **625E9E**, and **00023A** is the 20% darker color. If you saturate the color by 10%, you get **24266A**, and if you desaturate by 10%, it is **3A3A6A**.

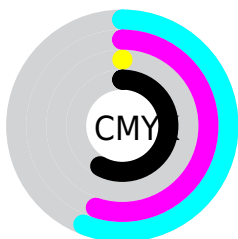
Distribution



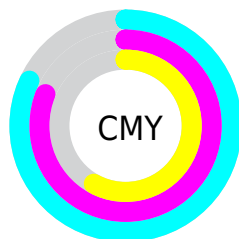
- Red (18%)
- Green (19%)
- Blue (42%)



- Red (18%)
- Yellow (19%)
- Blue (42%)



- Cyan (56%)
- Magenta (55%)
- Yellow (0%)
- Black (58%)



- Cyan (82%)
- Magenta (81%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F306A 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 2F306A by changing the saturation by 10% instead.

■ 2F306A

■ 2F306A

FFFFFF

■ 141B51

■ 625E9E

■ 00023A

■ 7C77B9

■ 000224

■ 9790D5

■ 00000B

■ B3ABF1

■ 000000

■ CFC6FF

■ EBE2FF

■ 2F306A

■ 2F306A

■ 24266A

■ 3A3A6A

■ 1A1B6A

■ 44456A

■ 0F116A

■ 4F4F6A

■ 05066A

■ 595A6A

■ 00026A

■ 64646A

■ 6F6F6A

■ 79796A

■ 84836A

■ 8E8E6A

Harmonies

Analogous

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



003B70



2F306A



562156

Triad

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



2F306A



5B2801



004333

Complementary

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



2F306A



6A692F

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.



004115



2F306A



463400

Square

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



2F306A



671B1E



2A3C00



004350

Rectangle

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



2F306A



631844



2A3C00



004329

Sweetspot

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



2F306A



72738A



2F6A68



373745



C4C4C4



454545

Same Dimension

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



2F306A



2D2F8A



4B2F6A



303036



000275



0004F5

Inverse Universe

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



6A2F30



8A2D2F



4E6A2F



363030



750002



F50004

Previews

White Background



This preview shows how the Hex color 2F306A looks on a white background.

Color Contrast Check

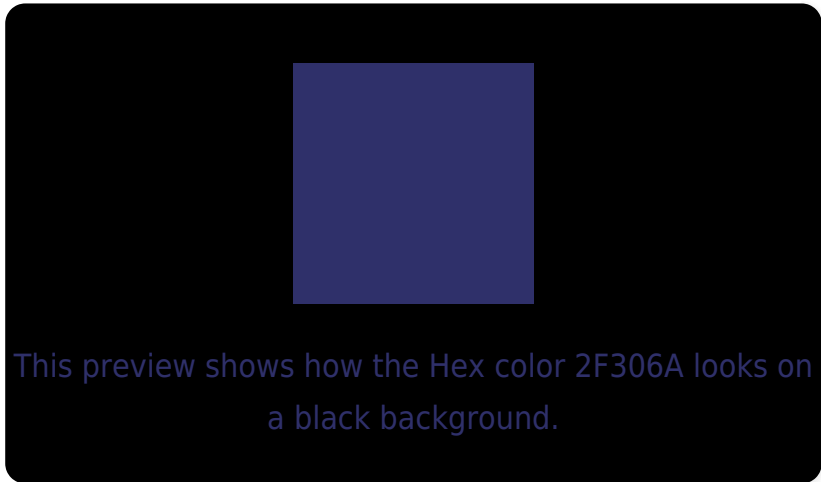
Large Text (above 18pt) WCAG AA ✓ Pass

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

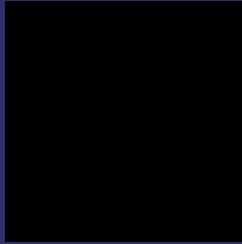
Any Text WCAG AA × Fail

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 2F306A Background



This preview shows how black text looks on a background with the Hex color 2F306A.



This preview shows how white text looks on a background with the Hex color 2F306A.

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
2F306A

Protanopia
0A356F

Deuteranopia
003862



Tritanopia
1F3B40

Trichromacy



Original Color
2F306A

Protanomaly
17336D

Deuteranomaly
113565

Tritanomaly
25374F

Monochromacy



Original Color
2F306A

Achromatopsia
363636

Achromatomaly
333449

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F306A 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 #2F306A looks like.

```
.text, #text, p{  
    color:#2F306A  
}
```

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 #2F306A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F306A
}
```

Border

The CSS property to change the border of an element to Hex 2F306A is called "border". The border property can be set on classes, ids or directly on the HTML element.

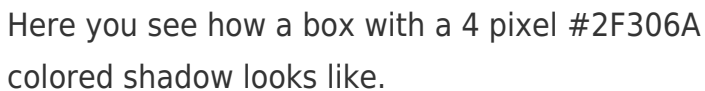
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F306A }
```

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

```
.border{ border-color:#2F306A }
```

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



Here you see how a box with a 4 pixel #2F306A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F306A; -webkit-box-shadow:4px 4px  
4px 4px #2F306A; box-shadow:4px 4px 4px  
4px #2F306A }
```

Background

The CSS property to change the background color of an element to Hex 2F306A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F306A }
```

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

```
.background{ background-color:#2F306A }
```

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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