

Converting Colors

Hex(2F2F70)

Have a look what the booklet for
Hex(2F2F70) contains.

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Color

Hex(2F2F70)

Conversions

Conversions Part 1

Format	Color
Hex	2F2F70
RGB	47, 47, 112
RGB Percent	18%, 18%, 44%
CMY	0.8157, 0.8157, 0.5608
CMYK	0.58, 0.58, 0.00, 0.56
HSL	240°, 41%, 31%
HSV	240°, 58%, 44%
XYZ	5.1134, 3.8072, 15.7946
YIQ	54.4100, -20.8650, 20.2150

Conversions

Conversions Part 2

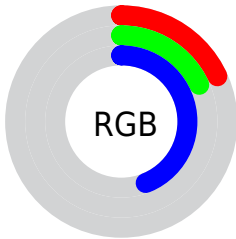
Format	Color
RYB	47, 47, 112
Decimal	3092336
CIELab	23.02, 20.55, -37.80
CIElCh	23, 43.028, 298.526
Yxy	3.8072, 0.2069, 0.1540
Android (android.graphics.Color)	4281282416 (0xFF2F2F70)
YUV	54.4100, 28.3919, -6.4986
Hunter-Lab	19.5121, 12.6324, -34.3354

Details

The Hex color **2F2F70** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **70702F**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **635DA4**, and **00013F** is the 20% darker color. If you saturate the color by 10%, you get **242470**, and if you desaturate by 10%, it is **3A3A70**.

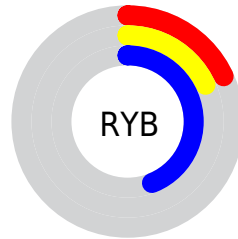
Distribution



Red (18%)

Green (18%)

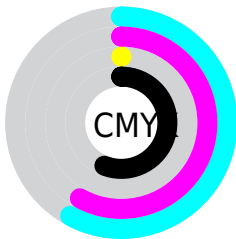
Blue (44%)



Red (18%)

Yellow (18%)

Blue (44%)

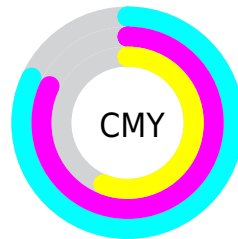


Cyan (58%)

Magenta (58%)

Yellow (0%)

Black (56%)



Cyan (82%)

Magenta (82%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2F70 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 2F2F70 by changing the saturation by 10% instead.



2F2F70



2F2F70

FFFFFF



121A57



635DA4



00013F



7E76C0



000329



998FDC



000113



B4AAF8



000000



D1C5FF



EDE1FF



FFFEFF



2F2F70



2F2F70

■ 242470

■ 3A3A70

■ 191970

■ 454570

■ 0D0D70

■ 515170

■ 020270

■ 5C5C70

■ 000070

■ 676770

■ 727270

■ 7D7D70

■ 898970

■ 949470

Harmonies

Analogous

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



003C78



2F2F70



5B1D59

Triad

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



2F2F70



5E2700



004434

Complementary

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



2F2F70



70702F

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.



004212



2F2F70



463500

Square

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



2F2F70



6C151A



273E00



004555

Rectangle

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



2F2F70



691045



273E00



004429

Sweetspot

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



2F2F70



797991



2F7070



3B3B4A



C9C9C9



4A4A4A

Same Dimension

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



2F2F70



2C2C91



502F70



323238



000078



0000F7

Inverse Universe

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



702F70



912C91



50702F



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 2F2F70 looks on a white background.

Color Contrast Check

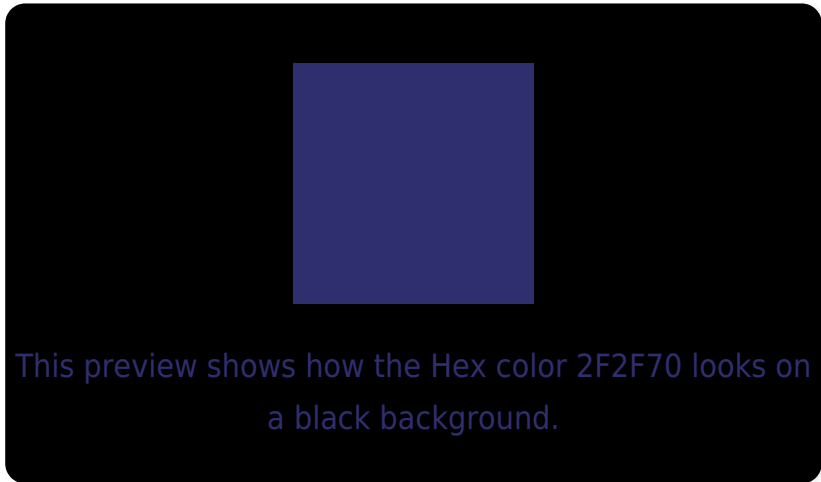
Large Text (above 18pt) WCAG AA ✓ Pass

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

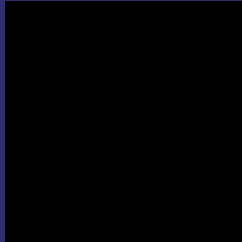
Any Text WCAG AA × Fail

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 2F2F70 Background



This preview shows how black text looks on a background with the Hex color 2F2F70.



This preview shows how white text looks on a background with the Hex color 2F2F70.

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](#).

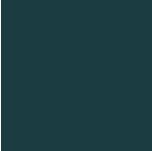
Dichromacy



Original Color
2F2F70

Protanopia
003571

Deuteranopia
003862



Tritanopia
1B3C41

Trichromacy



Original Color
2F2F70

Protanomaly
113371

Deuteranomaly
113567

Tritanomaly
223752

Monochromacy



Original Color
2F2F70

Achromatopsia
363636

Achromatomaly
33334B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2F70 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 #2F2F70 looks like.

```
.text, #text, p{  
    color:#2F2F70  
}
```

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 #2F2F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2F70
}
```

Border

The CSS property to change the border of an element to Hex 2F2F70 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
#2F2F70 }
```

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

```
.border{ border-color:#2F2F70 }
```

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

Here you see how a box with a 4 pixel #2F2F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2F70; -webkit-box-shadow:4px 4px  
4px 4px #2F2F70; box-shadow:4px 4px 4px  
4px #2F2F70 }
```

Background

The CSS property to change the background color of an element to Hex 2F2F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2F70 }
```

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

```
.background{ background-color:#2F2F70 }
```

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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