

Converting Colors

Hex(2F3076)

Have a look what the booklet for
Hex(2F3076) contains.

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Color

Hex(2F3076)

Conversions

Conversions Part 1

Format	Color
Hex	2F3076
RGB	47, 48, 118
RGB Percent	18%, 19%, 46%
CMY	0.8157, 0.8118, 0.5373
CMYK	0.60, 0.59, 0.00, 0.54
HSL	239°, 43%, 32%
HSV	239°, 60%, 46%
XYZ	5.4993, 4.0262, 17.6268
YIQ	55.6810, -23.0660, 21.5580

Conversions

Conversions Part 2

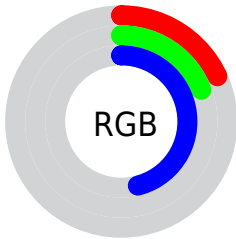
Format	Color
R_{YB}	47, 48, 118
Decimal	3092598
CIE _{Lab}	23.76, 22.02, -40.45
CIE _{LCh}	24, 46.056, 298.555
Yxy	4.0262, 0.2025, 0.1483
Android (android.graphics.Color)	4281282678 (0xFF2F3076)
YUV	55.6810, 30.7233, -7.6132
Hunter-Lab	20.0655, 13.8060, -38.0383

Details

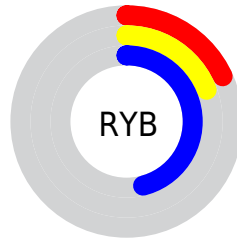
The Hex color **2F3076** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **76752F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **645EAB**, and **000445** is the 20% darker color. If you saturate the color by 10%, you get **232476**, and if you desaturate by 10%, it is **3B3C76**.

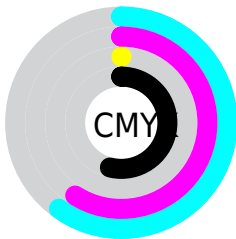
Distribution



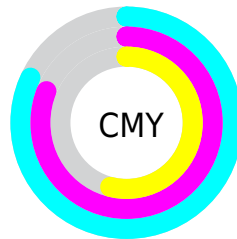
- Red (18%)
- Green (19%)
- Blue (46%)



- Red (18%)
- Yellow (19%)
- Blue (46%)



- Cyan (60%)
- Magenta (59%)
- Yellow (0%)
- Black (54%)



- Cyan (82%)
- Magenta (81%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3076 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 2F3076 by changing the saturation by 10% instead.

■ 2F3076

■ 2F3076

FFFFFF

■ 101B5D

■ 645EAB

■ 000445

■ 7F77C6

■ 00032E

■ 9A90E3

■ 000118

■ B6ABFF

■ 000000

■ D2C6FF

■ EFE2FF

■ 2F3076

■ 2F3076

■ 232476

■ 3B3C76

■ 171976

■ 474776

■ 0C0D76

■ 525376

■ 000276

■ 5E5F76

■ 6A6A76

■ 767676

■ 828176

■ 8D8D76

■ 999976

Harmonies

Analogous

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



003E7E



2F3076



5F1B5D

Triad

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



2F3076



622700



004736

Complementary

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



2F3076



76752F

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.



004511



2F3076



483700

Square

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



2F3076



71121A



274000



004759

Rectangle

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



2F3076



6E0B47



274000



00462A

Sweetspot

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



2F3076



7D7E99



2F7675



3C3C4D



CCCCCC



4D4D4D

Same Dimension

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



2F3076



2B2C99



512F76



35353B



00027A



0004FA

Inverse Universe

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



762F30



992B2C



54762F



3B3535



7A0002



FA0004

Previews

White Background



This preview shows how the Hex color 2F3076 looks on a white background.

Color Contrast Check

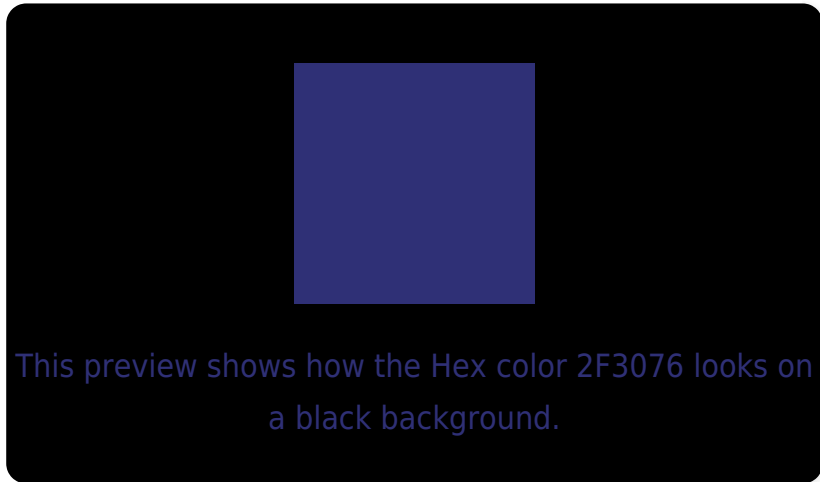
Large Text (above 18pt) WCAG AA ✓ Pass

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

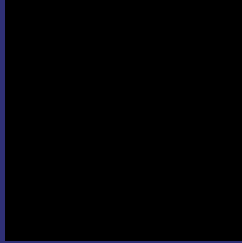
Any Text WCAG AA × Fail

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 2F3076 Background



This preview shows how black text looks on a background with the Hex color 2F3076.



This preview shows how white text looks on a background with the Hex color 2F3076.

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](#).

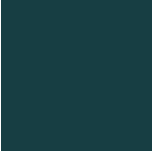
Dichromacy



Original Color
2F3076

Protanopia
003774

Deuteranopia
003A64



Tritanopia
173E43

Trichromacy



Original Color
2F3076

Protanomaly
113475

Deuteranomaly
11366B

Tritanomaly
203956

Monochromacy



Original Color
2F3076

Achromatopsia
383838

Achromatomaly
35354F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3076 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 #2F3076 looks like.

```
.text, #text, p{  
    color:#2F3076  
}
```

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 #2F3076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3076
}
```

Border

The CSS property to change the border of an element to Hex 2F3076 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
#2F3076 }
```

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

```
.border{ border-color:#2F3076 }
```

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

Here you see how a box with a 4 pixel #2F3076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3076; -webkit-box-shadow:4px 4px  
4px 4px #2F3076; box-shadow:4px 4px 4px  
4px #2F3076 }
```

Background

The CSS property to change the background color of an element to Hex 2F3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3076 }
```

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

```
.background{ background-color:#2F3076 }
```

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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