

Converting Colors

Hex(2F065A)

Have a look what the booklet for
Hex(2F065A) contains.

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Color

Hex(2F065A)

Conversions

Conversions Part 1

Format	Color
Hex	2F065A
RGB	47, 6, 90
RGB Percent	18%, 2%, 35%
CMY	0.8157, 0.9765, 0.6471
CMYK	0.48, 0.93, 0.00, 0.65
HSL	269°, 88%, 19%
HSV	269°, 93%, 35%
XYZ	3.0829, 1.4728, 9.7946
YIQ	27.8350, -2.5280, 34.8160

Conversions

Conversions Part 2

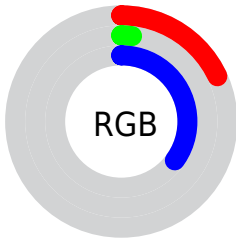
Format	Color
R_{YB}	47, 6, 90
Decimal	3081818
CIE _{Lab}	12.43, 36.90, -40.59
CIE _{LCh}	12, 54.853, 312.272
Yxy	1.4728, 0.2148, 0.1026
Android (android.graphics.Color)	4281271898 (0xFF2F065A)
YUV	27.8350, 30.6473, 16.8077
Hunter-Lab	12.1358, 24.1071, -39.3572

Details

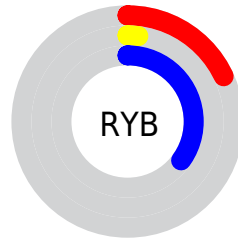
The Hex color **2F065A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **315A06**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **63378D**, and **00002B** is the 20% darker color. If you saturate the color by 10%, you get **2C005A**, and if you desaturate by 10%, it is **340F5A**.

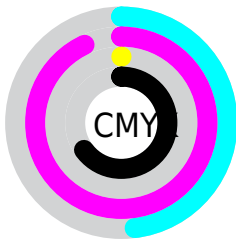
Distribution



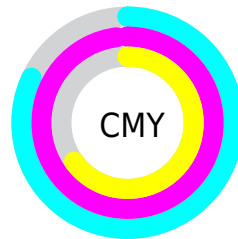
- Red (18%)
- Green (2%)
- Blue (35%)



- Red (18%)
- Yellow (2%)
- Blue (35%)



- Cyan (48%)
- Magenta (93%)
- Yellow (0%)
- Black (65%)



- Cyan (82%)
- Magenta (98%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F065A 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 2F065A by changing the saturation by 10% instead.

 2F065A

 2F065A

 FFF0FF

 180042

 63378D

 00002B

 7D4FA8

 000115

 9868C3

 000000

 B482DF

 D09CFC

 EDB7FF

 FFD3FF

 2F065A

 2F065A

■ 2C005A

■ 340F5A

■ 38185A

■ 3D215A

■ 412A5A

■ 46335A

■ 4B3C5A

■ 4F455A

■ 544E5A

■ 58575A

Harmonies

Analogous

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



00226D



2F065A



540038

Triad

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



2F065A



3B1500



002F30

Complementary

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



2F065A



315A06

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.



002E02



2F065A



1B2400

Square

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



2F065A



520000



002B00



002F54

Rectangle

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



2F065A



5C0020



002B00



002F22

Sweetspot

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



2F065A



645475



06315A



30273B



BABABA



3B3B3B

Same Dimension

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



2F065A



390075



59065A



2C292E



36006E



7400ED

Inverse Universe

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



5A0631



75003C



075A06



2E292C



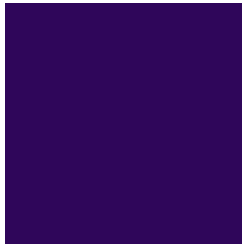
6E0038



ED0079

Previews

White Background



This preview shows how the Hex color 2F065A looks on a white background.

Color Contrast Check

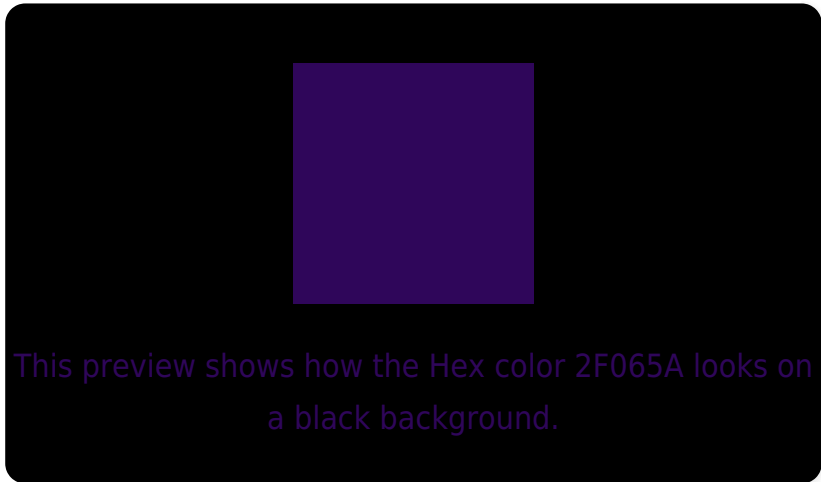
Large Text (above 18pt) WCAG AA ✓ Pass

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

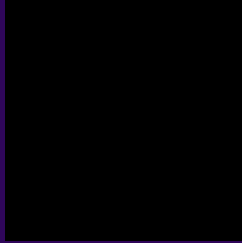
Any Text WCAG AA × Fail

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 2F065A Background



This preview shows how black text looks on a background with the Hex color 2F065A.



This preview shows how white text looks on a background with the Hex color 2F065A.

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](#).

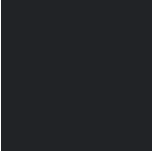
Dichromacy



Original Color
2F065A

Protanopia
002248

Deuteranopia
00243D



Tritanopia
212326

Trichromacy



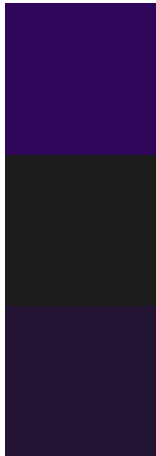
Original Color
2F065A

Protanomaly
11184F

Deuteranomaly
111948

Tritanomaly
261839

Monochromacy



Original Color
2F065A

Achromatopsia
1C1C1C

Achromatomaly
231433

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F065A 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 #2F065A looks like.

```
.text, #text, p{  
    color:#2F065A  
}
```

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 #2F065A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F065A
}
```

Border

The CSS property to change the border of an element to Hex 2F065A 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
#2F065A }
```

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

```
.border{ border-color:#2F065A }
```

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

Here you see how a box with a 4 pixel #2F065A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F065A; -webkit-box-shadow:4px 4px  
4px 4px #2F065A; box-shadow:4px 4px 4px  
4px #2F065A }
```

Background

The CSS property to change the background color of an element to Hex 2F065A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F065A }
```

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

```
.background{ background-color:#2F065A }
```

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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