

Converting Colors

Hex(2F0852)

Have a look what the booklet for
Hex(2F0852) contains.

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Color

Hex(2F0852)

Conversions

Conversions Part 1

Format	Color
Hex	2F0852
RGB	47, 8, 82
RGB Percent	18%, 3%, 32%
CMY	0.8157, 0.9686, 0.6784
CMYK	0.43, 0.90, 0.00, 0.68
HSL	272°, 82%, 18%
HSV	272°, 90%, 32%
XYZ	2.7821, 1.3872, 8.1038
YIQ	28.0970, -0.5100, 31.2820

Conversions

Conversions Part 2

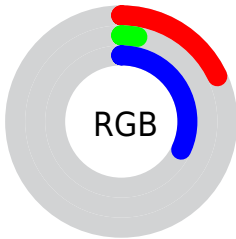
Format	Color
R_{YB}	47, 8, 82
Decimal	3082322
CIE _{Lab}	11.87, 33.95, -36.07
CIE _{LCh}	12, 49.539, 313.267
Yxy	1.3872, 0.2267, 0.1130
Android (android.graphics.Color)	4281272402 (0xFF2F0852)
YUV	28.0970, 26.5742, 16.5779
Hunter-Lab	11.7779, 21.5528, -32.5497

Details

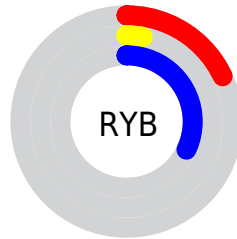
The Hex color **2F0852** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2B5208**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **613884**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **2B0052**, and if you desaturate by 10%, it is **331052**.

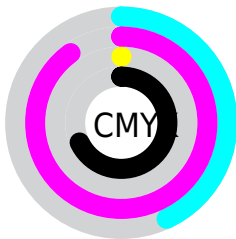
Distribution



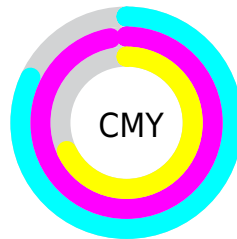
- Red (18%)
- Green (3%)
- Blue (32%)



- Red (18%)
- Yellow (3%)
- Blue (32%)



- Cyan (43%)
- Magenta (90%)
- Yellow (0%)
- Black (68%)



- Cyan (82%)
- Magenta (97%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0852 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 2F0852 by changing the saturation by 10% instead.

 2F0852

 2F0852

 FFF0FF

 1A003B

 613884

 000224

 7C509F

 00000C

 9668BA

 000000

 B282D6

 CE9CF2

 EBB8FF

 FFD4FF

 2F0852

 2F0852

■ 2B0052

■ 331052

■ 371852

■ 3B2152

■ 3F2952

■ 423152

■ 463952

■ 4A4152

■ 4E4A52

■ 525252

Harmonies

Analogous

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



002064



2F0852



4F0034

Triad

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



2F0852



371600



002D2E

Complementary

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



2F0852



2B5208

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.



002C06



2F0852



1A2300

Square

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



2F0852



4C0000



002900



002C4E

Rectangle

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



2F0852



56001D



002900



002D22

Sweetspot

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



2F0852



5D4E6B



082C52



2D2436



B5B5B5



363636

Same Dimension

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



2F0852



38006B



520851



272529



370069



7A00E8

Inverse Universe

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



52082B



6B0033



085209



292527



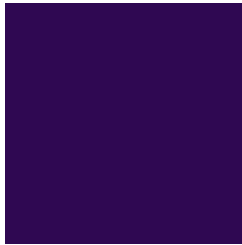
690031



E8006E

Previews

White Background



This preview shows how the Hex color 2F0852 looks on a white background.

Color Contrast Check

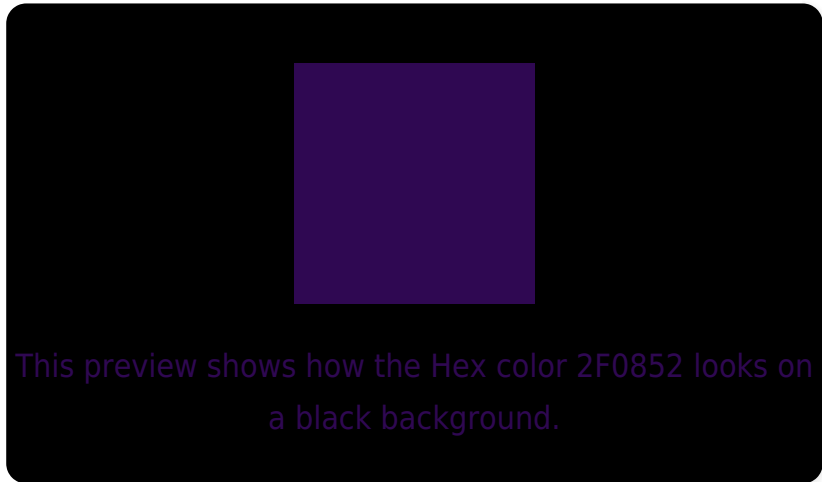
Large Text (above 18pt) WCAG AA ✓ Pass

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

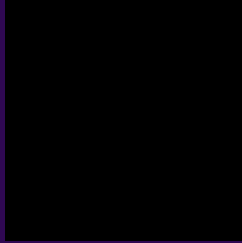
Any Text WCAG AA × Fail

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 2F0852 Background



This preview shows how black text looks on a background with the Hex color 2F0852.



This preview shows how white text looks on a background with the Hex color 2F0852.

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
2F0852

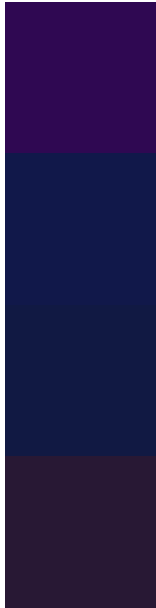
Protanopia
002145

Deuteranopia
00233B



Tritanopia
242123

Trichromacy



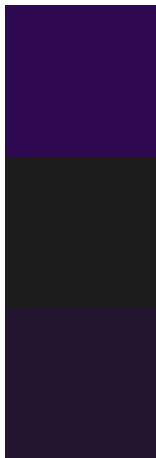
Original Color
2F0852

Protanomaly
11184A

Deuteranomaly
111943

Tritanomaly
281834

Monochromacy



Original Color
2F0852

Achromatopsia
1C1C1C

Achromatomaly
231530

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0852 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 #2F0852 looks like.

```
.text, #text, p{  
    color:#2F0852  
}
```

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 #2F0852 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0852
}
```

Border

The CSS property to change the border of an element to Hex 2F0852 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".

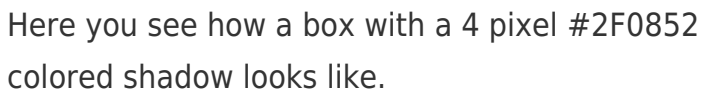
```
.border, #border, table{ border:4px solid
#2F0852 }
```

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

```
.border{ border-color:#2F0852 }
```

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

Here you see how a box with a 4 pixel #2F0852 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border and a thicker dark purple shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0852; -webkit-box-shadow:4px 4px  
4px 4px #2F0852; box-shadow:4px 4px 4px  
4px #2F0852 }
```

Background

The CSS property to change the background color of an element to Hex 2F0852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0852 }
```

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

```
.background{ background-color:#2F0852 }
```

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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