

Converting Colors

Hex(2F144C)

Have a look what the booklet for
Hex(2F144C) contains.

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Color

Hex(2F144C)

Conversions

Conversions Part 1

Format	Color
Hex	2F144C
RGB	47, 20, 76
RGB Percent	18%, 8%, 30%
CMY	0.8157, 0.9216, 0.7020
CMYK	0.38, 0.74, 0.00, 0.70
HSL	269°, 58%, 19%
HSV	269°, 74%, 30%
XYZ	2.7270, 1.6265, 7.0077
YIQ	34.4570, -1.8840, 23.1400

Conversions

Conversions Part 2

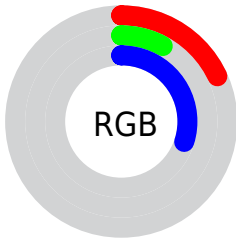
Format	Color
RYB	47, 20, 76
Decimal	3085388
CIELab	13.39, 26.38, -29.48
CIElCh	13, 39.560, 311.832
Yxy	1.6265, 0.2400, 0.1432
Android (android.graphics.Color)	4281275468 (0xFF2F144C)
YUV	34.4570, 20.4807, 11.0002
Hunter-Lab	12.7532, 15.8495, -23.6516

Details

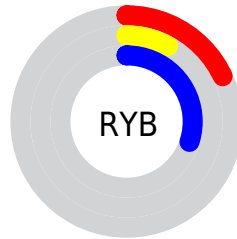
The Hex color **2F144C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **314C14**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **60417D**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **2B0C4C**, and if you desaturate by 10%, it is **331C4C**.

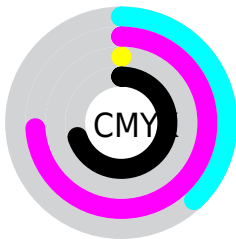
Distribution



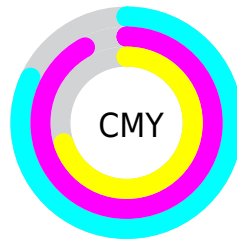
- Red (18%)
- Green (8%)
- Blue (30%)



- Red (18%)
- Yellow (8%)
- Blue (30%)



- Cyan (38%)
- Magenta (74%)
- Yellow (0%)
- Black (70%)



- Cyan (82%)
- Magenta (92%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F144C 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 2F144C by changing the saturation by 10% instead.


 2F144C

 2F144C

 FFFAFF

 1A0035

 60417D

 00021F

 795998

 000002

 9471B2

 000000

 AF8BCE

 CBA6EA

 E7C1FF

 FFDDFF

 2F144C

 2F144C

■ 2B0C4C

■ 331C4C

■ 27054C

■ 37234C

■ 25004C

■ 3B2B4C

■ 3F324C

■ 433A4C

■ 47424C

■ 4B494C

■ 4E514C

■ 52584C

Harmonies

Analogous

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



002359



2F144C



490034

Triad

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



2F144C



391B00



002E2D

Complementary

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



2F144C



314C14

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.



002D0F



2F144C



222500

Square

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



2F144C



4A0800



002A00



002D47

Rectangle

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



2F144C



500022



002A00



002E23

Sweetspot

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



2F144C



584E63



14324C



2C2633



B3B3B3



333333

Same Dimension

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



2F144C



360C63



4A144C



242226



310066



6F00E6

Inverse Universe

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



4C1431



630C39



164C14



262224



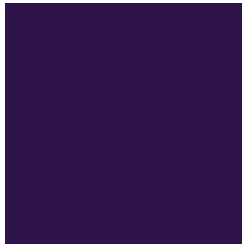
660035



E60077

Previews

White Background



This preview shows how the Hex color 2F144C looks on a white background.

Color Contrast Check

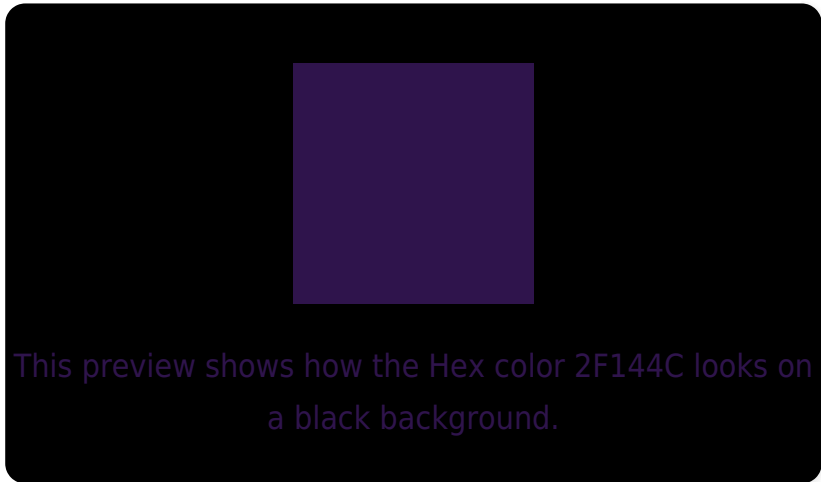
Large Text (above 18pt) WCAG AA ✓ Pass

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

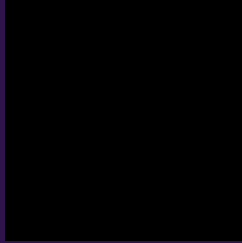
Any Text WCAG AA × Fail

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 2F144C Background



This preview shows how black text looks on a background with the Hex color 2F144C.



This preview shows how white text looks on a background with the Hex color 2F144C.

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
2F144C

Protanopia
002248

Deuteranopia
00243F



Tritanopia
272225

Trichromacy



Original Color
2F144C

Protanomaly
111D49

Deuteranomaly
111E44

Tritanomaly
2A1D33

Monochromacy



Original Color
2F144C

Achromatopsia
222222

Achromatomaly
271D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F144C 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 #2F144C looks like.

```
.text, #text, p{  
    color:#2F144C  
}
```

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 #2F144C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F144C }  
}
```

Border

The CSS property to change the border of an element to Hex 2F144C 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".

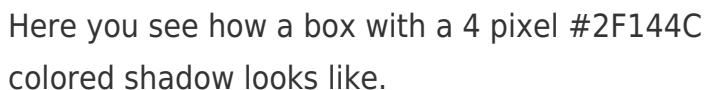
```
.border, #border, table{ border:4px solid #2F144C }  
}
```

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

```
.border{ border-color:#2F144C }
```

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

Here you see how a box with a 4 pixel #2F144C 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 on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F144C; -webkit-box-shadow:4px 4px  
4px 4px #2F144C; box-shadow:4px 4px 4px  
4px #2F144C }
```

Background

The CSS property to change the background color of an element to Hex 2F144C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F144C }
```

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

```
.background{ background-color:#2F144C }
```

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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