

Converting Colors

Hex(2F03C4)

Have a look what the booklet for
Hex(2F03C4) contains.

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Color

Hex(2F03C4)

Conversions

Conversions Part 1

Format	Color
Hex	2F03C4
RGB	47, 3, 196
RGB Percent	18%, 1%, 77%
CMY	0.8157, 0.9882, 0.2314
CMYK	0.76, 0.98, 0.00, 0.23
HSL	254°, 97%, 39%
HSV	254°, 98%, 77%
XYZ	11.1687, 4.6550, 52.5344
YIQ	38.1580, -35.7290, 69.3510

Conversions

Conversions Part 2

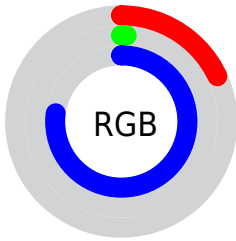
Format	Color
R _Y B	47, 3, 196
Decimal	3081156
CIE Lab	25.73, 65.04, -84.92
CIE LCh	26, 106.963, 307.448
Yxy	4.6550, 0.1634, 0.0681
Android (android.graphics.Color)	4281271236 (0xFF2F03C4)
YUV	38.1580, 77.8161, 7.7544
Hunter-Lab	21.5754, 54.6448, -129.2636

Details

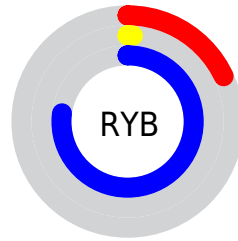
The Hex color **2F03C4** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **98C403**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7842FE**, and **00008C** is the 20% darker color. If you saturate the color by 10%, you get **2D00C4**, and if you desaturate by 10%, it is **3E17C4**.

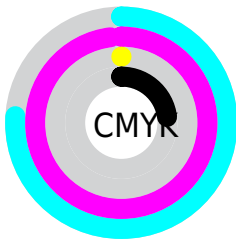
Distribution



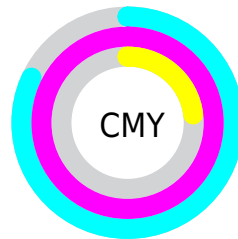
- Red (18%)
- Green (1%)
- Blue (77%)



- Red (18%)
- Yellow (1%)
- Blue (77%)



- Cyan (76%)
- Magenta (98%)
- Yellow (0%)
- Black (23%)



- Cyan (82%)
- Magenta (99%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F03C4 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 2F03C4 by changing the saturation by 10% instead.

 2F03C4

 2F03C4

FFFFFF

 0000A8

 7842FE

 00008C

 985DFF

 000072

 B777FF

 000A58

 D692FF

 000740

 F5AEFF

 000329

 FFCAFF

 000113

 FFE7FF

 000000

 2F03C4

 2F03C4

■ 2D00C4

■ 3E17C4

■ 4D2AC4

■ 5C3EC4

■ 6C51C4

■ 7B65C4

■ 8A79C4

■ 998CC4

■ A8A0C4

■ B7B3C4

Harmonies

Analogous

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



0048E8



2F03C4



A2007E

Triad

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



2F03C4



7A1600



005451

Complementary

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



2F03C4



98C403

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.



005200



2F03C4



394100

Square

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



2F03C4



A70000



004E00



0057A2

Rectangle

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



2F03C4



B80048



004E00



005434

Sweetspot

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



2F03C4



C4B3FF



039AC4



5C5280



000000



808080

Same Dimension

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



2F03C4



3A00FF



8D03C4



595761



2500A1



080021

Inverse Universe

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



C40398



FF00C5



3AC403



61575F



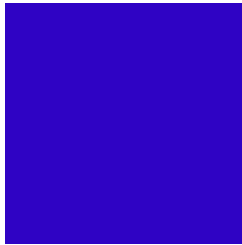
A1007C



21001A

Previews

White Background



This preview shows how the Hex color 2F03C4 looks on a white background.

Color Contrast Check

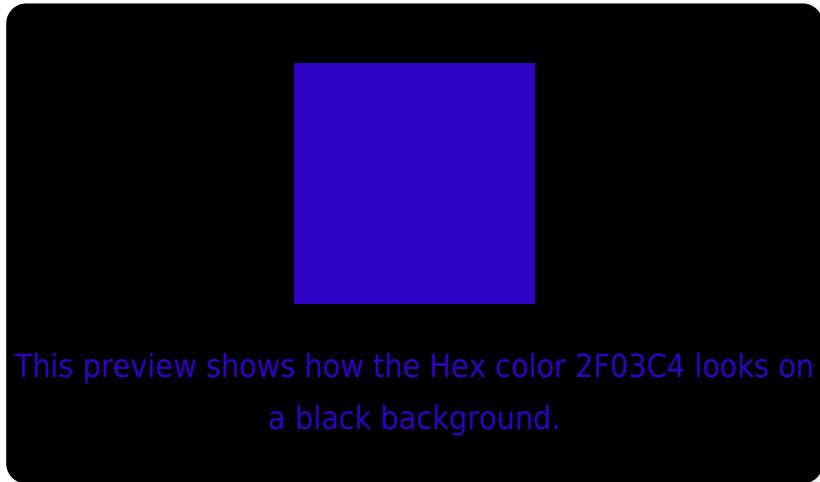
Large Text (above 18pt) WCAG AA ✓ Pass

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

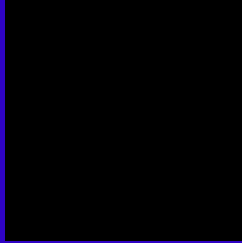
Any Text WCAG AA × Fail

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 2F03C4 Background



This preview shows how black text looks on a background with the Hex color 2F03C4.



This preview shows how white text looks on a background with the Hex color 2F03C4.

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
2F03C4

Protanopia
003D7F

Deuteranopia
00416C

Trichromacy



Original Color
2F03C4

Protanomaly
112898

Deuteranomaly
112A8C

Tritanomaly
112E76

Monochromacy



Original Color
2F03C4

Achromatopsia
262626

Achromatomaly
29195F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F03C4 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 #2F03C4 looks like.

```
.text, #text, p{  
    color:#2F03C4  
}
```

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 #2F03C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F03C4
}
```

Border

The CSS property to change the border of an element to Hex 2F03C4 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".

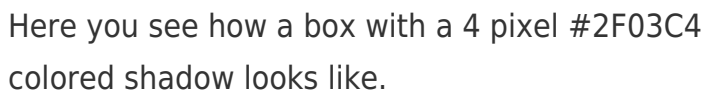
```
.border, #border, table{ border:4px solid
#2F03C4 }
```

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

```
.border{ border-color:#2F03C4 }
```

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

Here you see how a box with a 4 pixel #2F03C4 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F03C4; -webkit-box-shadow:4px 4px  
4px 4px #2F03C4; box-shadow:4px 4px 4px  
4px #2F03C4 }
```

Background

The CSS property to change the background color of an element to Hex 2F03C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F03C4 }
```

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

```
.background{ background-color:#2F03C4 }
```

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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