

Converting Colors

Hex(2F6DF4)

Have a look what the booklet for
Hex(2F6DF4) contains.

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Color

Hex(2F6DF4)

Conversions

Conversions Part 1

Format	Color
Hex	2F6DF4
RGB	47, 109, 244
RGB Percent	18%, 43%, 96%
CMY	0.8157, 0.5725, 0.0431
CMYK	0.81, 0.55, 0.00, 0.04
HSL	221°, 90%, 57%
HSV	221°, 81%, 96%
XYZ	22.9701, 18.0733, 87.8658
YIQ	105.8520, -80.2870, 28.8410

Conversions

Conversions Part 2

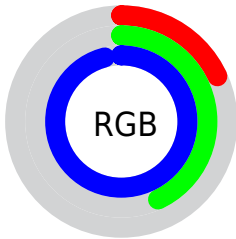
Format	Color
RYB	47, 94, 244
Decimal	3108340
CIELab	49.58, 28.75, -73.12
CIELCh	50, 78.573, 291.463
Yxy	18.0733, 0.1782, 0.1402
Android (android.graphics.Color)	4281298420 (0xFF2F6DF4)
YUV	105.8520, 68.1070, -51.6132
Hunter-Lab	42.5127, 22.0483, -92.7825

Details

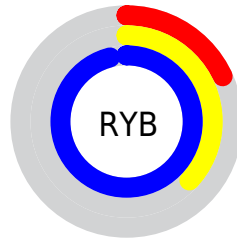
The Hex color **2F6DF4** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **F4B62F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7CA0FF**, and **003FBB** is the 20% darker color. If you saturate the color by 10%, you get **175CF4**, and if you desaturate by 10%, it is **477EF4**.

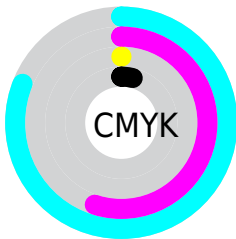
Distribution



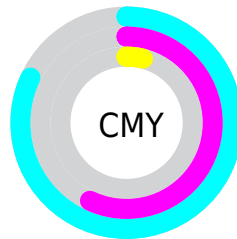
- Red (18%)
- Green (43%)
- Blue (96%)



- Red (18%)
- Yellow (37%)
- Blue (96%)



- Cyan (81%)
- Magenta (55%)
- Yellow (0%)
- Black (4%)



- Cyan (82%)
- Magenta (57%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6DF4 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 2F6DF4 by changing the saturation by 10% instead.

 2F6DF4

 2F6DF4

FFFFFF

 0055D7

 7CA0FF

 003FBB

 9DBBFF

 002A9F

 BCD6FF

 001984

 DCF2FF

 00006A

 FBFFFF

 000B51

 000539

 000222

 000008

■ 2F6DF4

■ 2F6DF4

■ 175CF4

■ 477EF4

■ 004DF4

■ 608EF4

■ 789FF4

■ 91B0F4

■ A9C1F4

■ C1D1F4

■ DAE2F4

■ F2F3F4

■ FFFFF4

Harmonies

Analogous

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



0084FC



2F6DF4



B147CA

Triad

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



2F6DF4



CD4B00



009160

Complementary

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



2F6DF4



F4B62F

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.



008C11



2F6DF4



9F6C00

Square

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



2F6DF4



E61A4A



628100



0092A5

Rectangle

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



2F6DF4



D525A2



628100



008F48

Sweetspot

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



2F6DF4



C2D5FF



2FF4B6



5B6680



000000



808080

Same Dimension

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



2F6DF4



0855FF



532FF4



6E727A



003BBA



00123B

Inverse Universe

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



F42F6D



FF0855



D0F42F



7A6E72



BA003B



3B0012

Previews

White Background



This preview shows how the Hex color 2F6DF4 looks on a white background.

Color Contrast Check

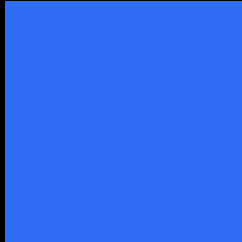
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2F6DF4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

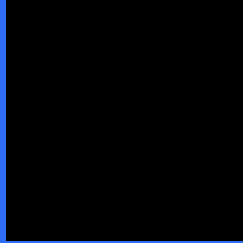
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

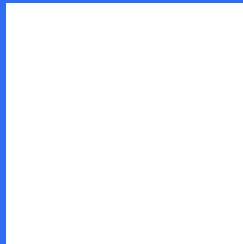
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2F6DF4 Background



This preview shows how black text looks on a background with the Hex color 2F6DF4.



This preview shows how white text looks on a background with the Hex color 2F6DF4.

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





Tritanopia
00828A

Trichromacy



Original Color
2F6DF4

Protanomaly
1170F1

Deuteranomaly
1174DC

Tritanomaly
117AB1

Monochromacy



Original Color
2F6DF4

Achromatopsia
6A6A6A

Achromatomaly
556B9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6DF4 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 #2F6DF4 looks like.

```
.text, #text, p{  
    color:#2F6DF4  
}
```

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 #2F6DF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6DF4  
}
```

Border

The CSS property to change the border of an element to Hex 2F6DF4 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  
#2F6DF4 }
```

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

```
.border{ border-color:#2F6DF4 }
```

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

Here you see how a box with a 4 pixel #2F6DF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6DF4; -webkit-box-shadow:4px 4px  
4px 4px #2F6DF4; box-shadow:4px 4px 4px  
4px #2F6DF4 }
```

Background

The CSS property to change the background color of an element to Hex 2F6DF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6DF4 }
```

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

```
.background{ background-color:#2F6DF4 }
```

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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