

Converting Colors

Hex(2F71E7)

Have a look what the booklet for
Hex(2F71E7) contains.

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Color

Hex(2F71E7)

Conversions

Conversions Part 1

Format	Color
Hex	2F71E7
RGB	47, 113, 231
RGB Percent	18%, 44%, 91%
CMY	0.8157, 0.5569, 0.0941
CMYK	0.80, 0.51, 0.00, 0.09
HSL	218°, 79%, 55%
HSV	218°, 80%, 91%
XYZ	21.5012, 18.1841, 77.9780
YIQ	106.7180, -77.2140, 22.7060

Conversions

Conversions Part 2

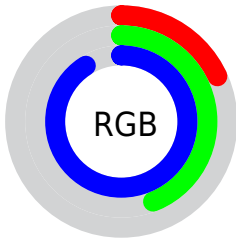
Format	Color
R_{YB}	47, 96, 231
Decimal	3109351
CIE _{Lab}	49.72, 21.39, -65.63
CIE _{LCh}	50, 69.026, 288.050
Yxy	18.1841, 0.1827, 0.1545
Android (android.graphics.Color)	4281299431 (0xFF2F71E7)
YUV	106.7180, 61.2710, -52.3727
Hunter-Lab	42.6428, 15.3777, -78.5695

Details

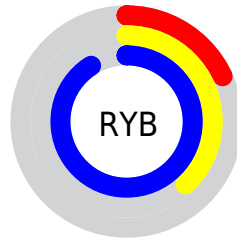
The Hex color **2F71E7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E7A52F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **79A4FF**, and **0042AE** is the 20% darker color. If you saturate the color by 10%, you get **1862E7**, and if you desaturate by 10%, it is **4680E7**.

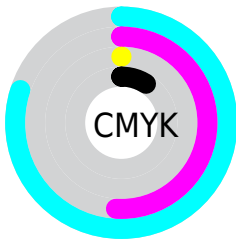
Distribution



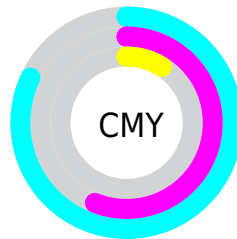
- Red (18%)
- Green (44%)
- Blue (91%)



- Red (18%)
- Yellow (38%)
- Blue (91%)



- Cyan (80%)
- Magenta (51%)
- Yellow (0%)
- Black (9%)



- Cyan (82%)
- Magenta (56%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F71E7 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 2F71E7 by changing the saturation by 10% instead.

■ 2F71E7

■ 2F71E7

FFFFFF

■ 0059CA

■ 79A4FF

■ 0042AE

■ 99BFFF

■ 002D93

■ B8DBFF

■ 001B79

■ D7F7FF

■ 00005F

■ F6FFFF

■ 000846

■ 00042F

■ 000119

■ 000000

■ 2F71E7

■ 2F71E7

■ 1862E7

■ 4680E7

■ 0153E7

■ 5D8FE7

■ 0053E7

■ 749DE7

■ 8BACE7

■ A2BBE7

■ BACAE7

■ D1D9E7

■ E8E8E7

■ FFF6E7

Harmonies

Analogous

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



0084EA



2F71E7



A354C6

Triad

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



2F71E7



C94F1D



008F5C

Complementary

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



2F71E7



E7A52F

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.



15891C



2F71E7



A26B00

Square

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



2F71E7



DC3356



6E7E00



009099

Rectangle

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



2F71E7



C73EA3



6E7E00



008D47

Sweetspot

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



2F71E7



C2D8FF



2FE7A4



5B6880



000000



808080

Same Dimension

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



2F71E7



0A62FF



482FE7



676B73



0040B3



001233

Inverse Universe

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



E72F71



FF0A62



CEE72F



73676B



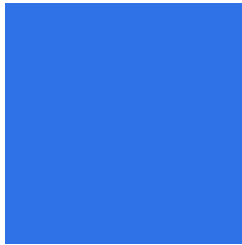
B30040



330012

Previews

White Background



This preview shows how the Hex color 2F71E7 looks on a white background.

Color Contrast Check

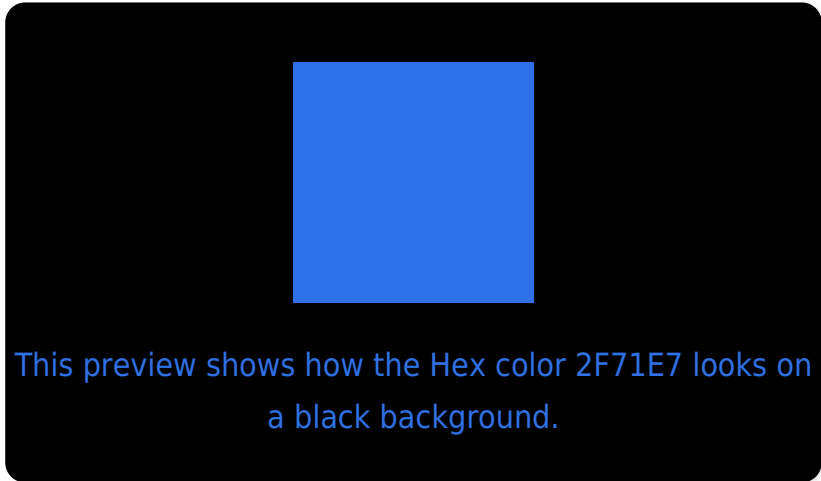
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

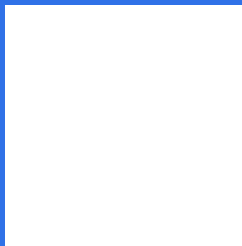
Any Text WCAG AAA × Fail

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

Hex 2F71E7 Background



This preview shows how black text looks on a background with the Hex color 2F71E7.



This preview shows how white text looks on a background with the Hex color 2F71E7.

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](#).

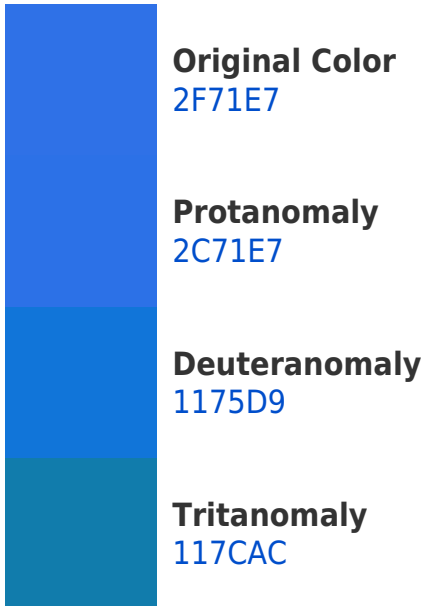
Dichromacy



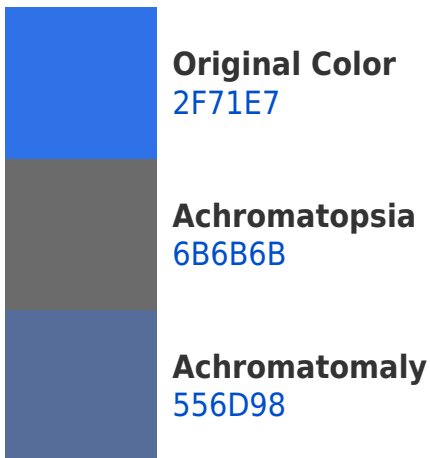


Tritanopia
00828B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F71E7 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 #2F71E7 looks like.

```
.text, #text, p{  
    color:#2F71E7  
}
```

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 #2F71E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F71E7
}
```

Border

The CSS property to change the border of an element to Hex 2F71E7 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
#2F71E7 }
```

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

```
.border{ border-color:#2F71E7 }
```

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

Here you see how a box with a 4 pixel #2F71E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F71E7; -webkit-box-shadow:4px 4px  
4px 4px #2F71E7; box-shadow:4px 4px 4px  
4px #2F71E7 }
```

Background

The CSS property to change the background color of an element to Hex 2F71E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F71E7 }
```

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

```
.background{ background-color:#2F71E7 }
```

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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