

Converting Colors

Hex(728FF3)

Have a look what the booklet for
Hex(728FF3) contains.

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Color

Hex(728FF3)

Conversions

Conversions Part 1

Format	Color
Hex	728FF3
RGB	114, 143, 243
RGB Percent	45%, 56%, 95%
CMY	0.5529, 0.4392, 0.0471
CMYK	0.53, 0.41, 0.00, 0.05
HSL	227°, 84%, 70%
HSV	227°, 53%, 95%
XYZ	32.9396, 29.6934, 88.7893
YIQ	145.7290, -49.3840, 24.9520

Conversions

Conversions Part 2

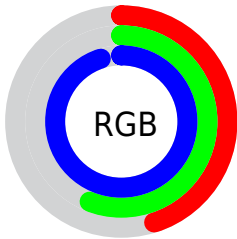
Format	Color
RYB	114, 138, 243
Decimal	7507955
CIELab	61.39, 17.63, -53.42
CIELCh	61, 56.258, 288.268
Yxy	29.6934, 0.2175, 0.1961
Android (android.graphics.Color)	4285698035 (0xFF728FF3)
YUV	145.7290, 47.9546, -27.8263
Hunter-Lab	54.4916, 12.5408, -58.4637

Details

The Hex color **728FF3** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F3D672**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **ADC4FF**, and **325DBA** is the 20% darker color. If you saturate the color by 10%, you get **5A7CF3**, and if you desaturate by 10%, it is **8AA2F3**.

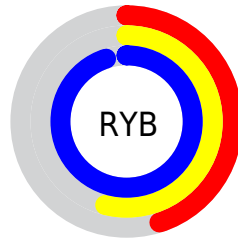
Distribution



Red (45%)

Green (56%)

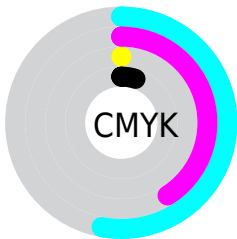
Blue (95%)



Red (45%)

Yellow (54%)

Blue (95%)

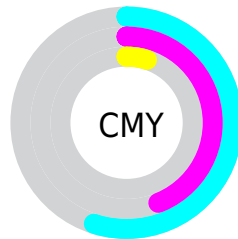


Cyan (53%)

Magenta (41%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (44%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 728FF3 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 728FF3 by changing the saturation by 10% instead.

 728FF3

 728FF3

FFFFFF

 5476D6

 ADC4FF

 325DBA

 CAE0FF

 00469F

 E8FDFF

 003084

 001D6A

 000252

 00053A

 000223

 00000A

■ 728FF3

■ 728FF3

■ 5A7CF3

■ 8AA2F3

■ 4169F3

■ A3B5F3

■ 2956F3

■ BBC8F3

■ 1144F3

■ D3DAF3

■ 0037F3

■ EBEDF3

■ FFFFF3

Harmonies

Analogous

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



009FF5



728FF3



BD7AD7

Triad

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



728FF3



E1774B



00AB7E

Complementary

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



728FF3



F3D672

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.



57A64E



728FF3



BF8B2D

Square

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



728FF3



EF6878



929B2D



00ACB2

Rectangle

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



728FF3



DB6EBA



929B2D



00AA6D

Sweetspot

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



728FF3



D6DFFF



72F3D5



676D80



000000



808080

Same Dimension

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



728FF3



5C80FF



9472F3



6E717A



002ABA



000D3B

Inverse Universe

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



F3728F



FF5C80



D1F372



7A6E71



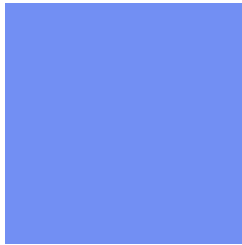
BA002A



3B000D

Previews

White Background



This preview shows how the Hex color 728FF3 looks on a white background.

Color Contrast Check

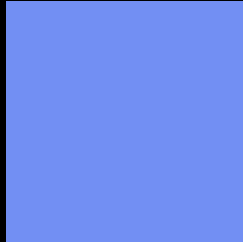
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 728FF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

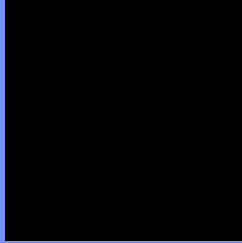
Any Text WCAG AA ✓ Pass

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 728FF3 Background



This preview shows how black text looks on a background with the Hex color 728FF3.



This preview shows how white text looks on a background with the Hex color 728FF3.

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](#).

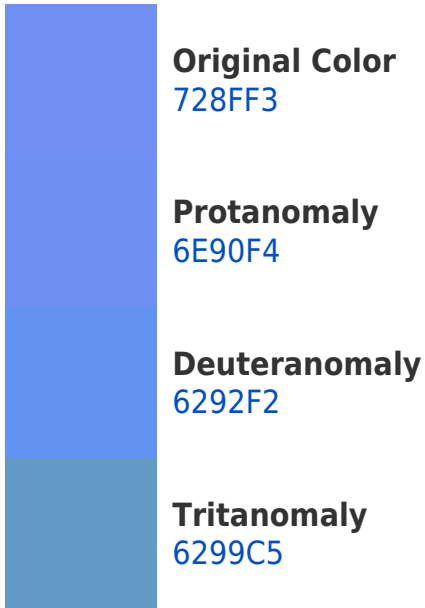
Dichromacy



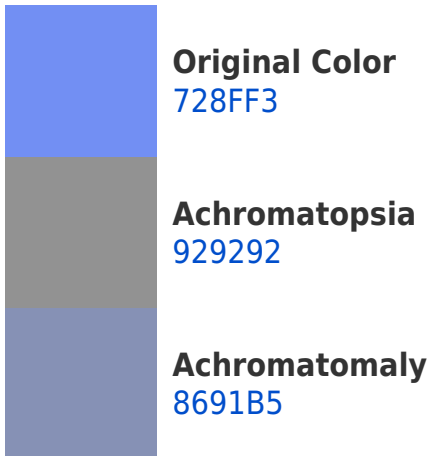


Tritanopia
599EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 728FF3 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 #728FF3 looks like.

```
.text, #text, p{  
    color:#728FF3  
}
```

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 #728FF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728FF3  
}
```

Border

The CSS property to change the border of an element to Hex 728FF3 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  
#728FF3 }
```

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

```
.border{ border-color:#728FF3 }
```

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

Here you see how a box with a 4 pixel #728FF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728FF3; -webkit-box-shadow:4px 4px  
4px 4px #728FF3; box-shadow:4px 4px 4px  
4px #728FF3 }
```

Background

The CSS property to change the background color of an element to Hex 728FF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728FF3 }
```

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

```
.background{ background-color:#728FF3 }
```

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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