

# Converting Colors

Hex(727FB1)

Have a look what the booklet for  
Hex(727FB1) contains.

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**Color**

**Hex(727FB1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	727FB1
RGB	114, 127, 177
RGB Percent	45%, 50%, 69%
CMY	0.5529, 0.5020, 0.3059
CMYK	0.36, 0.28, 0.00, 0.31
HSL	228°, 29%, 57%
HSV	228°, 36%, 69%
XYZ	22.4646, 21.9305, 44.6440
YIQ	128.8130, -23.7980, 12.7940

# Conversions

## Conversions Part 2

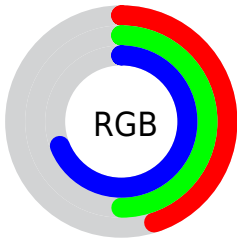
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 125, 177
Decimal	7503793
CIELab	53.95, 7.62, -27.97
CIELCh	54, 28.991, 285.236
Yxy	21.9305, 0.2523, 0.2463
Android (android.graphics.Color)	4285693873 (0xFF727FB1)
YUV	128.8130, 23.7562, -12.9910
Hunter-Lab	46.8300, 3.6750, -23.7414

# Details

The Hex color **727FB1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B1A472**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A8B4E9**, and **3F4E7C** is the 20% darker color. If you saturate the color by 10%, you get **6071B1**, and if you desaturate by 10%, it is **848DB1**.

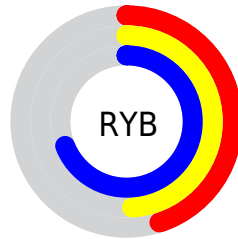
# Distribution



Red (45%)

Green (50%)

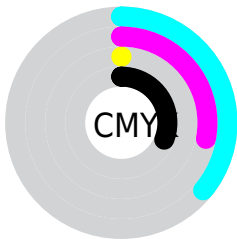
Blue (69%)



Red (45%)

Yellow (49%)

Blue (69%)

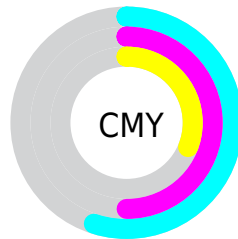


Cyan (36%)

Magenta (28%)

Yellow (0%)

Black (31%)



Cyan (55%)

Magenta (50%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 727FB1 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 727FB1 by changing the saturation by 10% instead.



■ 727FB1

■ 727FB1

FFFFFF

■ 586696

■ A8B4E9

■ 3F4E7C

■ C3CFFF

■ 253863

■ E0EBFF

■ 07224B

FDFFFF

■ 000C34

■ 00021E

■ 000001

■ 000000

■ 727FB1

■ 727FB1

6071B1

848DB1

4F63B1

959BB1

3D55B1

A7A9B1

2B47B1

B9B7B1

1A39B1

CBC5B1

082BB1

DCD3B1

0025B1

EEE1B1

FFEFB1

FFFDB1

# Harmonies

## Analogous

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



4987B1



727FB1



9476A4

# Triad

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



727FB1



AD735F



4A8E73

# Complementary

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



727FB1



B1A472

# 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.



698A5D



727FB1



9D7B51

# Square

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



727FB1



B26E75



858350



2B8E8D

# Rectangle

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



727FB1



A47196



858350



558D6B



# Sweetspot

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



727FB1



CCD1E6



72B1A3



646773



F2F2F2



737373



# Same Dimension

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



727FB1



8397E6



8472B1



505259



002099



00051A



# Inverse Universe

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



B1727F



E68397



9FB172



595052



990020

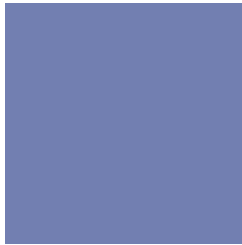


1A0005



# Previews

## White Background



This preview shows how the Hex color 727FB1 looks on a white background.

## Color Contrast Check

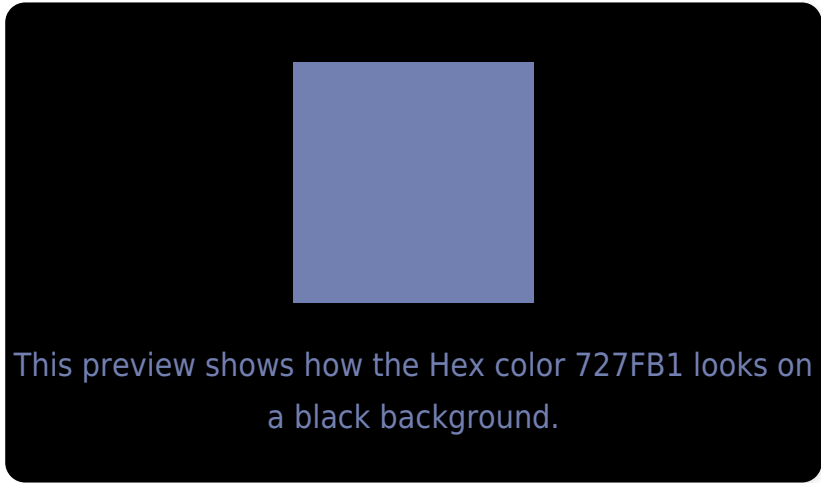
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 727FB1 Background



This preview shows how black text looks on a background with the Hex color 727FB1.



This preview shows how white text looks on a background with the Hex color 727FB1.

# 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**


727FB1

**Protanopia**

727FB1

**Deuteranopia**

727FB1



**Tritanopia**  
6A8590

# Trichromacy



**Original Color**

727FB1

**Protanomaly**

727FB1

**Deuteranomaly**

727FB1

**Tritanomaly**

6D839C

# Monochromacy



**Original Color**

727FB1

**Achromatopsia**

818181

**Achromatomaly**

7C8092

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 727FB1 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 #727FB1 looks like.

```
.text, #text, p{  
    color:#727FB1  
}
```

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 #727FB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727FB1
}
```

## Border

The CSS property to change the border of an element to Hex 727FB1 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
#727FB1 }
```

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

```
.border{ border-color:#727FB1 }
```

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

Here you see how a box with a 4 pixel #727FB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727FB1; -webkit-box-shadow:4px 4px  
4px 4px #727FB1; box-shadow:4px 4px 4px  
4px #727FB1 }
```

# Background

The CSS property to change the background color of an element to Hex 727FB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727FB1 }
```

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

```
.background{ background-color:#727FB1 }
```

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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