

# Converting Colors

Hex(795FB4)

Have a look what the booklet for  
Hex(795FB4) contains.

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# Color

Hex(795FB4)

# Conversions

## Conversions Part 1

Format	Color
Hex	795FB4
RGB	121, 95, 180
RGB Percent	47%, 37%, 71%
CMY	0.5255, 0.6275, 0.2941
CMYK	0.33, 0.47, 0.00, 0.29
HSL	258°, 36%, 54%
HSV	258°, 47%, 71%
XYZ	20.2156, 15.5447, 45.1150
YIQ	112.4640, -11.7890, 31.9470

# Conversions

## Conversions Part 2

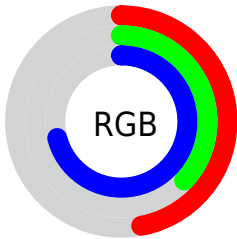
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 95, 180
Decimal	7954356
CIE <sub>Lab</sub>	46.37, 29.62, -41.57
CIE <sub>LCh</sub>	46, 51.038, 305.472
Yxy	15.5447, 0.2500, 0.1922
Android (android.graphics.Color)	4286144436 (0xFF795FB4)
YUV	112.4640, 33.2952, 7.4861
Hunter-Lab	39.4267, 22.5271, -40.2453

# Details

The Hex color **795FB4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9AB45F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B092EC**, and **44307F** is the 20% darker color. If you saturate the color by 10%, you get **6D4DB4**, and if you desaturate by 10%, it is **8571B4**.

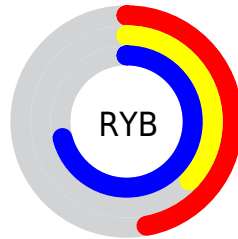
# Distribution



Red (47%)

Green (37%)

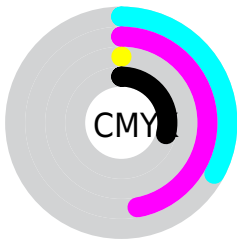
Blue (71%)



Red (47%)

Yellow (37%)

Blue (71%)

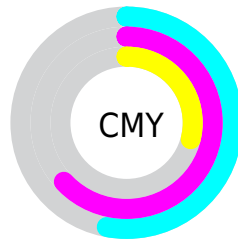


Cyan (33%)

Magenta (47%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (63%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 795FB4 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 795FB4 by changing the saturation by 10% instead.



795FB4

795FB4

FFFFFF

5F4799

B092EC

44307F

CCADFF

2A1A65

E9C8FF

0C054D

FFE4FF

000035

00021F

000002

000000

795FB4

795FB4

6D4DB4

8571B4

603BB4

9283B4

5429B4

9E95B4

4717B4

ABA7B4

3B05B4

B7B9B4

3700B4

C4CBB4

D0DDB4

DDEFB4

E9FFB4

# Harmonies

## Analogous

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



0070C3



795FB4



A74C92

# Triad

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



795FB4



9F5E1C



008275

# Complementary

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



795FB4



9AB45F

# 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.



008048



795FB4



7C6E08

# Square

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



795FB4



B64D3F



4F7921



00819F

# Rectangle

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



795FB4



B74476



4F7921



008266



# Sweetspot

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



795FB4



D4CAEB



5F9BB4



676175



F5F5F5



757575



# Same Dimension

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



795FB4



8E65EB



A35FB4



535059



2F0099



08001A



# Inverse Universe

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



B45F9A



EB65C2



70B45F



595057



99006A

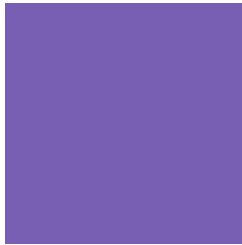


1A0012



# Previews

## White Background



This preview shows how the Hex color 795FB4 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 × 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 795FB4 Background



This preview shows how black text looks on a background with the Hex color 795FB4.

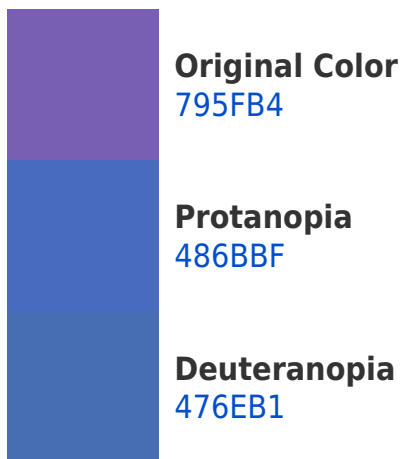



This preview shows how white text looks on a background with the Hex color 795FB4.

# 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**  
6C6D76

# Trichromacy



**Original Color**  
795FB4

**Protanomaly**  
5A67BB

**Deuteranomaly**  
5969B2

**Tritanomaly**  
71688D

# Monochromacy



**Original Color**  
795FB4

**Achromatopsia**  
707070

**Achromatomaly**  
736A89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 795FB4 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 #795FB4 looks like.

```
.text, #text, p{  
    color:#795FB4  
}
```

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 #795FB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795FB4
}
```

## Border

The CSS property to change the border of an element to Hex 795FB4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

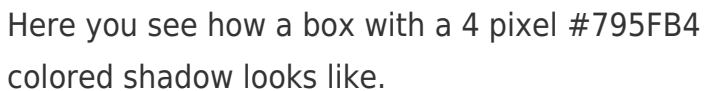
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#795FB4 }
```

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

```
.border{ border-color:#795FB4 }
```

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



Here you see how a box with a 4 pixel `#795FB4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795FB4; -webkit-box-shadow:4px 4px  
4px 4px #795FB4; box-shadow:4px 4px 4px  
4px #795FB4 }
```

# Background

The CSS property to change the background color of an element to Hex 795FB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795FB4 }
```

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

```
.background{ background-color:#795FB4 }
```

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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