

Converting Colors

Hex(794EB1)

Have a look what the booklet for
Hex(794EB1) contains.

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Color

Hex(794EB1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 794EB1 |
| RGB | 121, 78, 177 |
| RGB Percent | 47%, 31%, 69% |
| CMY | 0.5255, 0.6941, 0.3059 |
| CMYK | 0.32, 0.56, 0.00, 0.31 |
| HSL | 266°, 39%, 50% |
| HSV | 266°, 56%, 69% |
| XYZ | 18.5454, 12.6881, 43.0666 |
| YIQ | 102.1430, -6.1510, 39.9050 |

Conversions

Conversions Part 2

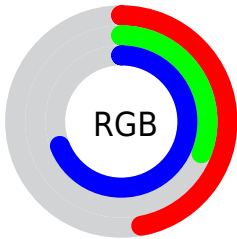
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 121, 78, 177 |
| Decimal | 7950001 |
| CIE _{Lab} | 42.29, 38.76, -46.31 |
| CIE _{LCh} | 42, 60.388, 309.924 |
| Yxy | 12.6881, 0.2496, 0.1708 |
| Android (android.graphics.Color) | 4286140081 (0xFF794EB1) |
| YUV | 102.1430, 36.9045, 16.5376 |
| Hunter-Lab | 35.6203, 30.5988, -46.7501 |

Details

The Hex color **794EB1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **86B14E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B081E9**, and **441E7C** is the 20% darker color. If you saturate the color by 10%, you get **6F3CB1**, and if you desaturate by 10%, it is **8360B1**.

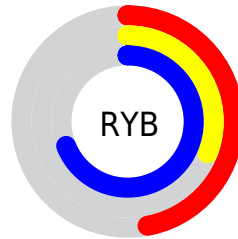
Distribution



Red (47%)

Green (31%)

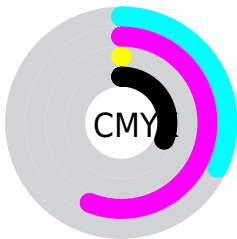
Blue (69%)



Red (47%)

Yellow (31%)

Blue (69%)

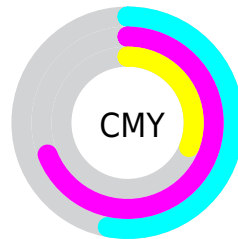


Cyan (32%)

Magenta (56%)

Yellow (0%)

Black (31%)



Cyan (53%)

Magenta (69%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 794EB1 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 794EB1 by changing the saturation by 10% instead.

794EB1

794EB1

FFFFFF

5E3696

B081E9

441E7C

CD9BFF

280562

EAB6FF

0D004A

FFD2FF

000032

FFEFFF

00021C

000000

794EB1

794EB1

6F3CB1

8360B1

652BB1

8D71B1

5B19B1

9783B1

5107B1

A195B1

4D00B1

ABA7B1

B5B8B1

BFCAB1

C9DCB1

D3EDB1

Harmonies

Analogous

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



0065C7



794EB1



AA3387

Triad

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



794EB1



945500



007A74

Complementary

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



794EB1



86B14E

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.



00783F



794EB1



6A6700

Square

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



794EB1



B13C26



317204



0079A3

Rectangle

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



794EB1



B82866



317204



007962

Sweetspot

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



794EB1



CFBEE6



4E86B1



665C73



F2F2F2



737373

Same Dimension

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



794EB1



8F4CE6



AA4EB1



545059



420099



0B001A

Inverse Universe

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



B14E86



E64CA3



55B14E



595055



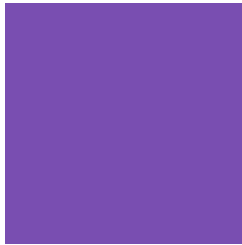
990057



1A000E

Previews

White Background



This preview shows how the Hex color 794EB1 looks on a white background.

Color Contrast Check

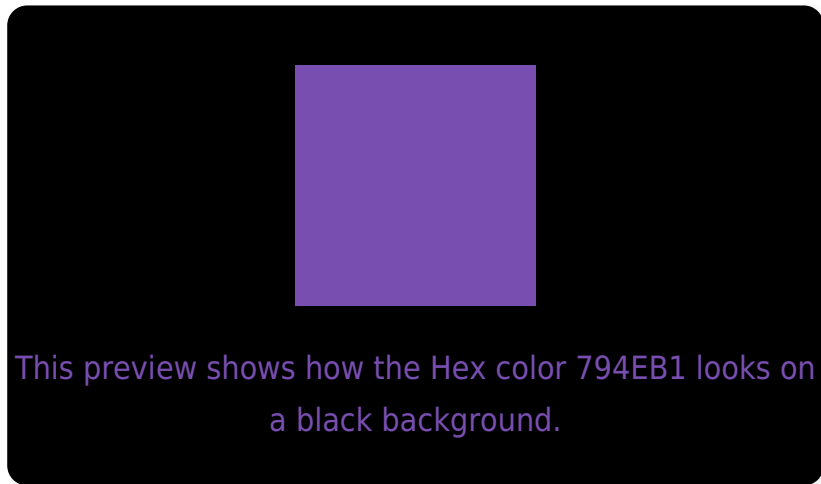
Large Text (above 18pt) WCAG AA ✓ Pass

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

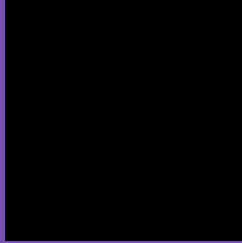
Any Text WCAG AA × Fail

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 794EB1 Background



This preview shows how black text looks on a background with the Hex color 794EB1.

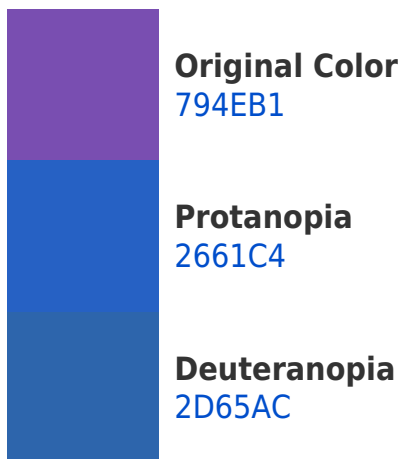


This preview shows how white text looks on a background with the Hex color 794EB1.

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](#).

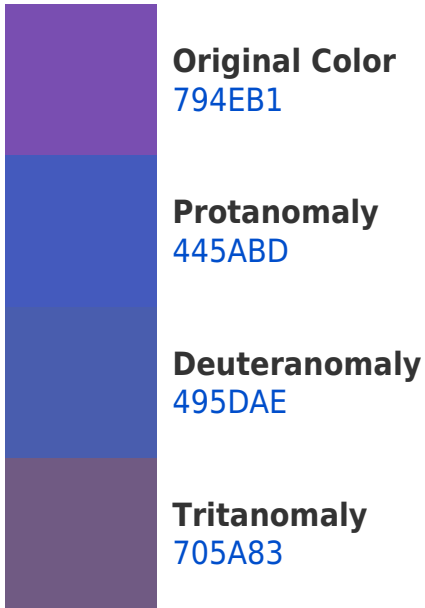
Dichromacy





Tritanopia
6B6169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 794EB1 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 #794EB1 looks like.

```
.text, #text, p{  
    color:#794EB1  
}
```

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 #794EB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794EB1
}
```

Border

The CSS property to change the border of an element to Hex 794EB1 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
#794EB1 }
```

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

```
.border{ border-color:#794EB1 }
```

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

Here you see how a box with a 4 pixel #794EB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794EB1; -webkit-box-shadow:4px 4px  
4px 4px #794EB1; box-shadow:4px 4px 4px  
4px #794EB1 }
```

Background

The CSS property to change the background color of an element to Hex 794EB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794EB1 }
```

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

```
.background{ background-color:#794EB1 }
```

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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