

Converting Colors

Hex(791BB4)

Have a look what the booklet for
Hex(791BB4) contains.

Hex(791BB4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(791BB4)

Conversions

Conversions Part 1

Format	Color
Hex	791BB4
RGB	121, 27, 180
RGB Percent	47%, 11%, 71%
CMY	0.5255, 0.8941, 0.2941
CMYK	0.33, 0.85, 0.00, 0.29
HSL	277°, 74%, 41%
HSV	277°, 85%, 71%
XYZ	16.5153, 8.1441, 43.8815
YIQ	72.5480, 6.9110, 67.5110

Conversions

Conversions Part 2

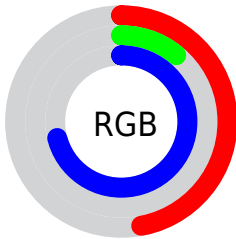
Format	Color
R_{YB}	121, 27, 180
Decimal	7936948
CIE _{Lab}	34.28, 62.28, -61.04
CIE _{LCh}	34, 87.204, 315.577
Yxy	8.1441, 0.2410, 0.1188
Android (android.graphics.Color)	4286127028 (0xFF791BB4)
YUV	72.5480, 52.9738, 42.4924
Hunter-Lab	28.5379, 53.3594, -71.1913

Details

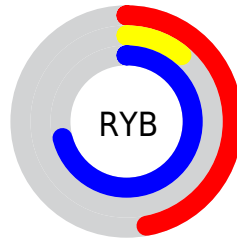
The Hex color **791BB4** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **56B41B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **B256ED**, and **40007E** is the 20% darker color. If you saturate the color by 10%, you get **7209B4**, and if you desaturate by 10%, it is **802DB4**.

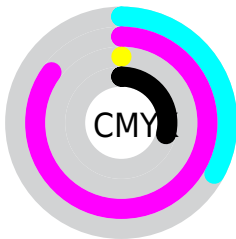
Distribution



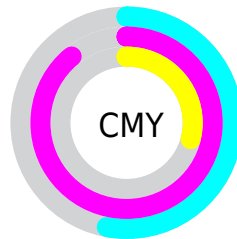
- Red (47%)
- Green (11%)
- Blue (71%)



- Red (47%)
- Yellow (11%)
- Blue (71%)



- Cyan (33%)
- Magenta (85%)
- Yellow (0%)
- Black (29%)



- Cyan (53%)
- Magenta (89%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 791BB4 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 791BB4 by changing the saturation by 10% instead.

 791BB4

 791BB4

FFFFFF

 5D0099

 B256ED

 40007E

 D071FF

 210064

 EE8CFF

 00004B

 FFA8FF

 000433

 FFC5FF

 00021D

 FFE2FF

 000000

 791BB4

 791BB4

 7209B4

 802DB4

6F00B4

873FB4

8E51B4

9563B4

9C75B4

A387B4

AA99B4

B1ABB4

B7BDB4

Harmonies

Analogous

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



004FDA



791BB4



B50075

Triad

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



791BB4



7E4100



006A75

Complementary

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



791BB4



56B41B

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.



00682B



791BB4



415900

Square

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



791BB4



AA0000



006300



006AB5

Rectangle

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



791BB4



C10048



006300



00695D

Sweetspot

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



791BB4



D3AEED



1B58B4



675175



F5F5F5



757575

Same Dimension

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



791BB4



9000EB



B41BA5



565059



5E0099



10001A

Inverse Universe

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



B41B56



EB005A



1BB42A



595054



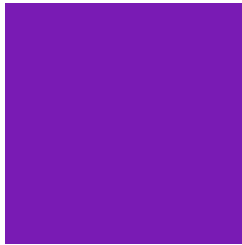
99003B



1A000A

Previews

White Background



This preview shows how the Hex color 791BB4 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

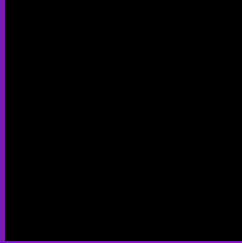
Any Text WCAG AA × Fail

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 791BB4 Background



This preview shows how black text looks on a background with the Hex color 791BB4.

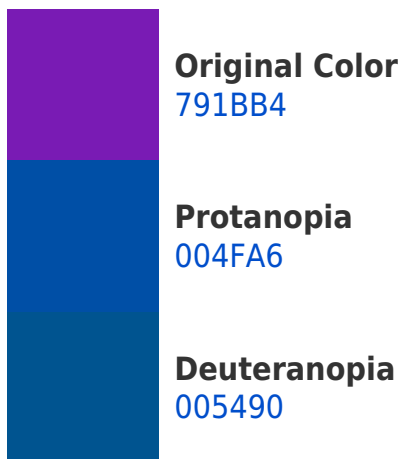


This preview shows how white text looks on a background with the Hex color 791BB4.

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
674A4F

Trichromacy



Original Color
791BB4



Protanomaly
2C3CAB



Deuteranomaly
2C3F9D



Tritanomaly
6E3974

Monochromacy



Original Color
791BB4



Achromatopsia
494949



Achromatomaly
5A3870

CSS Examples

Text

The CSS property to change the color of the text to Hex 791BB4 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 #791BB4 looks like.

```
.text, #text, p{  
    color:#791BB4  
}
```

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 #791BB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #791BB4
}
```

Border

The CSS property to change the border of an element to Hex 791BB4 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
#791BB4 }
```

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

```
.border{ border-color:#791BB4 }
```

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

Here you see how a box with a 4 pixel #791BB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #791BB4; -webkit-box-shadow:4px 4px  
4px 4px #791BB4; box-shadow:4px 4px 4px  
4px #791BB4 }
```

Background

The CSS property to change the background color of an element to Hex 791BB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#791BB4 }
```

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

```
.background{ background-color:#791BB4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor