

Converting Colors

Hex(794BA8)

Have a look what the booklet for
Hex(794BA8) contains.

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Color

Hex(794BA8)

Conversions

Conversions Part 1

Format	Color
Hex	794BA8
RGB	121, 75, 168
RGB Percent	47%, 29%, 66%
CMY	0.5255, 0.7059, 0.3412
CMYK	0.28, 0.55, 0.00, 0.34
HSL	270°, 38%, 48%
HSV	270°, 55%, 66%
XYZ	17.4691, 11.9243, 38.4267
YIQ	99.3560, -2.4370, 38.6750

Conversions

Conversions Part 2

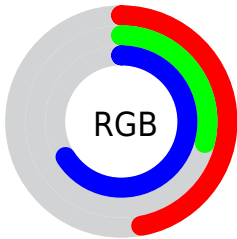
Format	Color
R_{YB}	121, 75, 168
Decimal	7949224
CIE _{Lab}	41.10, 38.18, -42.90
CIE _{LCh}	41, 57.426, 311.671
Yxy	11.9243, 0.2576, 0.1758
Android (android.graphics.Color)	4286139304 (0xFF794BA8)
YUV	99.3560, 33.8415, 18.9818
Hunter-Lab	34.5315, 29.8711, -41.8059

Details

The Hex color **794BA8** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7AA84B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B07DE0**, and **441B73** is the 20% darker color. If you saturate the color by 10%, you get **713AA8**, and if you desaturate by 10%, it is **815CA8**.

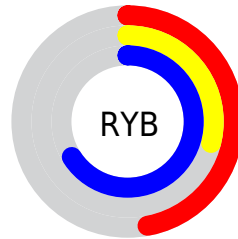
Distribution



Red (47%)

Green (29%)

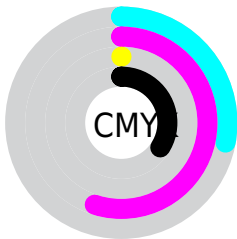
Blue (66%)



Red (47%)

Yellow (29%)

Blue (66%)

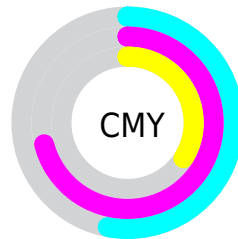


Cyan (28%)

Magenta (55%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (71%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 794BA8 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 794BA8 by changing the saturation by 10% instead.

794BA8

794BA8

FFFFFF

5E338D

B07DE0

441B73

CC98FD

2A025A

E9B3FF

140042

FFCFFF

00032B

FFEBFF

000115

000000

794BA8

794BA8

713AA8

815CA8

6829A8

8A6DA8

6019A8

927DA8

5708A8

9B8EA8

5300A8

A39FA8

ACB0A8

B4C1A8

BDD1A8

C5E2A8

Harmonies

Analogous

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



0061BE



794BA8



A63280

Triad

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



794BA8



8D5400



007673

Complementary

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



794BA8



7AA84B

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.



007441



794BA8



656500

Square

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



794BA8



A93D24



2D6F0D



00749F

Rectangle

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



794BA8



B22A60



2D6F0D



007662

Sweetspot

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



794BA8



C8B6DB



4B7BA8



63586E



EDEDED



6E6E6E

Same Dimension

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



794BA8



924BDB



A64BA8



504C54



490094



0A0014

Inverse Universe

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



A84B7A



DB4B94



4DA84B



544C50



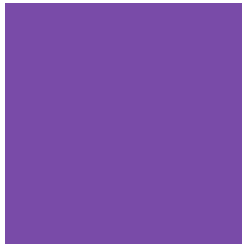
94004B



14000A

Previews

White Background



This preview shows how the Hex color 794BA8 looks on a white background.

Color Contrast Check

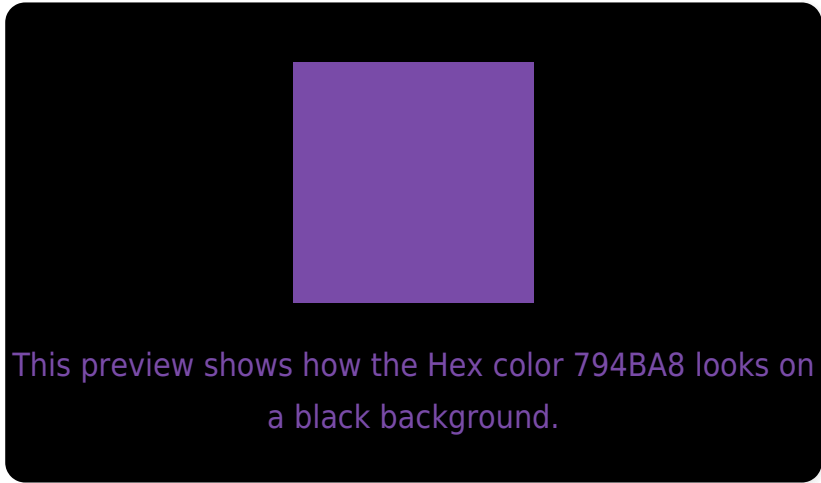
Large Text (above 18pt) WCAG AA ✓ Pass

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

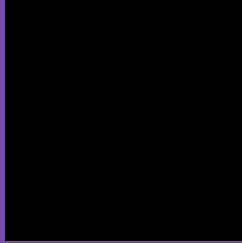
Any Text WCAG AA × Fail

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 794BA8 Background



This preview shows how black text looks on a background with the Hex color 794BA8.

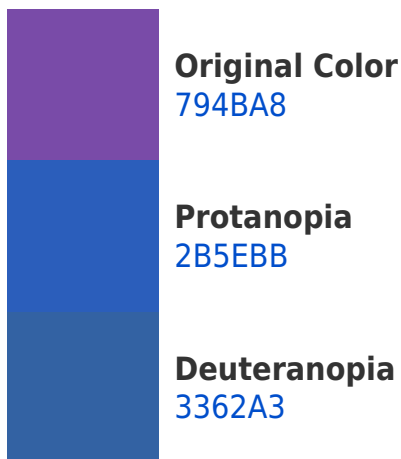


This preview shows how white text looks on a background with the Hex color 794BA8.

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
6D5D64

Trichromacy



Original Color
794BA8



Protanomaly
4757B4



Deuteranomaly
4C5AA5



Tritanomaly
71567D

Monochromacy



Original Color
794BA8



Achromatopsia
636363



Achromatomaly
6B5A7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 794BA8 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 #794BA8 looks like.

```
.text, #text, p{  
    color:#794BA8  
}
```

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 #794BA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794BA8  
}
```

Border

The CSS property to change the border of an element to Hex 794BA8 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  
#794BA8 }
```

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

```
.border{ border-color:#794BA8 }
```

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

Here you see how a box with a 4 pixel #794BA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794BA8; -webkit-box-shadow:4px 4px  
4px 4px #794BA8; box-shadow:4px 4px 4px  
4px #794BA8 }
```

Background

The CSS property to change the background color of an element to Hex 794BA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794BA8 }
```

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

```
.background{ background-color:#794BA8 }
```

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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