

Converting Colors

Hex(793C88)

Have a look what the booklet for
Hex(793C88) contains.

Hex(793C88)	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(793C88)

Conversions

Conversions Part 1

Format	Color
Hex	793C88
RGB	121, 60, 136
RGB Percent	47%, 24%, 53%
CMY	0.5255, 0.7647, 0.4667
CMYK	0.11, 0.56, 0.00, 0.47
HSL	288°, 39%, 38%
HSV	288°, 56%, 53%
XYZ	13.9450, 9.0742, 24.3091
YIQ	86.9030, 11.9600, 36.5680

Conversions

Conversions Part 2

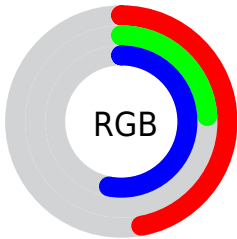
Format	Color
R_{YB}	121, 60, 136
Decimal	7945352
CIE _{Lab}	36.13, 39.03, -31.46
CIE _{LCh}	36, 50.126, 321.131
Yxy	9.0742, 0.2946, 0.1917
Android (android.graphics.Color)	4286135432 (0xFF793C88)
YUV	86.9030, 24.2048, 29.9031
Hunter-Lab	30.1235, 29.9163, -26.7595

Details

The Hex color **793C88** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4B883C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AF6EBE**, and **460856** is the 20% darker color. If you saturate the color by 10%, you get **762E88**, and if you desaturate by 10%, it is **7C4A88**.

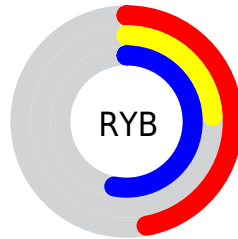
Distribution



Red (47%)

Green (24%)

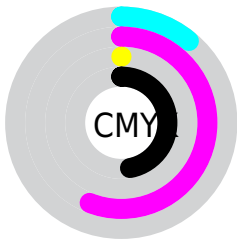
Blue (53%)



Red (47%)

Yellow (24%)

Blue (53%)

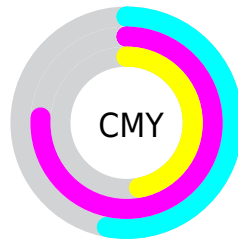


Cyan (11%)

Magenta (56%)

Yellow (0%)

Black (47%)



Cyan (53%)

Magenta (76%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 793C88 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 793C88 by changing the saturation by 10% instead.

 793C88

 793C88

FFFFFF

 5F236E

 AF6EBE

 460856

 CB88DA

 2D003E

 E8A3F6

 160028

 FFBFFF

 000111

 FFDBFF

 000000

 FFF8FF

 793C88

 793C88

 762E88

 7C4A88

■ 742188

■ 7E5788

■ 711388

■ 816588

■ 6E0688

■ 847288

■ 6D0088

■ 868088

■ 898E88

■ 8C9B88

■ 8EA988

■ 91B688

Harmonies

Analogous

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



3850A1



793C88



962A63

Triad

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



793C88



714F00



006771

Complementary

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



793C88



4B883C

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.



006647



793C88



4C5B00

Square

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



793C88



8D3D15



0F631E



006593

Rectangle

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



793C88



9C2948



0F631E



006763

Sweetspot

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



793C88



AA92B0



3C4B88



564759



D9D9D9



595959

Same Dimension

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



793C88



993AB0



883C71



433E45



6A0085



040005

Inverse Universe

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



883C4B



B03A51



3C8853



453E3F



85001A



050001

Previews

White Background



This preview shows how the Hex color 793C88 looks on a white background.

Color Contrast Check

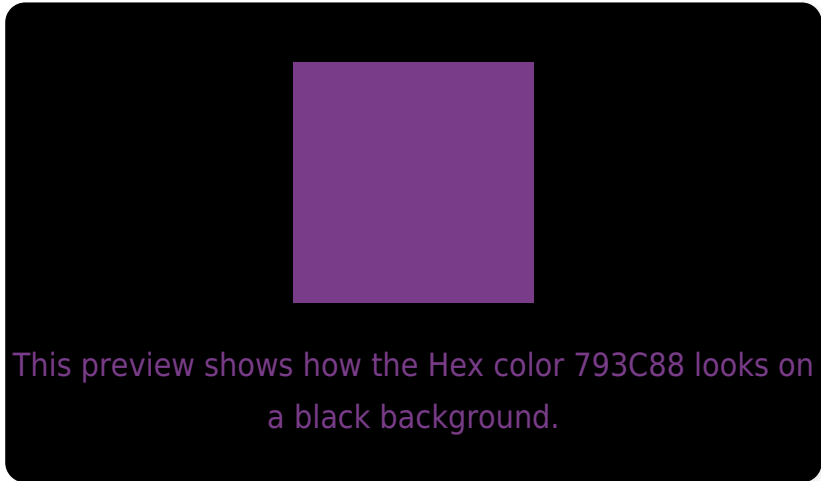
Large Text (above 18pt) WCAG AA ✓ Pass

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

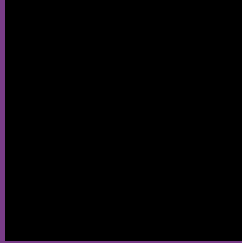
Any Text WCAG AA × Fail

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 793C88 Background



This preview shows how black text looks on a background with the Hex color 793C88.



This preview shows how white text looks on a background with the Hex color 793C88.

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
714B50

Trichromacy



Original Color
793C88

Protanomaly
4B4B96

Deuteranomaly
544C85

Tritanomaly
744664

Monochromacy



Original Color
793C88

Achromatopsia
575757

Achromatomaly
634D69

CSS Examples

Text

The CSS property to change the color of the text to Hex 793C88 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 #793C88 looks like.

```
.text, #text, p{  
    color:#793C88  
}
```

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 #793C88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #793C88
}
```

Border

The CSS property to change the border of an element to Hex 793C88 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
#793C88 }
```

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

```
.border{ border-color:#793C88 }
```

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

Here you see how a box with a 4 pixel #793C88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #793C88; -webkit-box-shadow:4px 4px  
4px 4px #793C88; box-shadow:4px 4px 4px  
4px #793C88 }
```

Background

The CSS property to change the background color of an element to Hex 793C88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#793C88 }
```

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

```
.background{ background-color:#793C88 }
```

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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