

Converting Colors

Hex(78C893)

Have a look what the booklet for
Hex(78C893) contains.

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Color

Hex(78C893)

Conversions

Conversions Part 1

Format	Color
Hex	78C893
RGB	120, 200, 147
RGB Percent	47%, 78%, 58%
CMY	0.5294, 0.2157, 0.4235
CMYK	0.40, 0.00, 0.27, 0.22
HSL	140°, 42%, 63%
HSV	140°, 40%, 78%
XYZ	33.6665, 47.4082, 34.9801
YIQ	170.0380, -30.6670, -33.4430

Conversions

Conversions Part 2

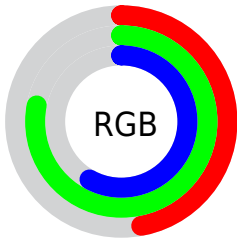
Format	Color
RYB	120, 180, 200
Decimal	7915667
CIELab	74.45, -36.10, 18.97
CIElCh	74, 40.781, 152.278
Yxy	47.4082, 0.2901, 0.4085
Android (android.graphics.Color)	4286105747 (0xFF78C893)
YUV	170.0380, -11.3577, -43.8833
Hunter-Lab	68.8536, -33.2150, 18.0761

Details

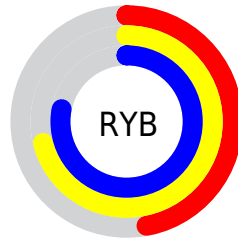
The Hex color **78C893** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C878AD**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **AFFFC9**, and **429160** is the 20% darker color. If you saturate the color by 10%, you get **64C886**, and if you desaturate by 10%, it is **8CC8A0**.

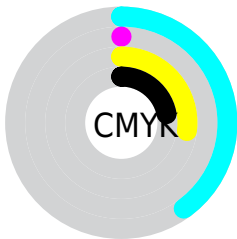
Distribution



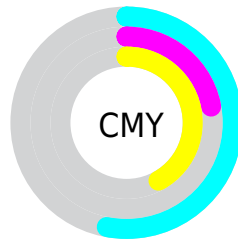
- Red (47%)
- Green (78%)
- Blue (58%)



- Red (47%)
- Yellow (71%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78C893 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 78C893 by changing the saturation by 10% instead.

 78C893

 78C893

FFFFFF

 5DAC79

 AFFFC9

 429160

 CCFFE5

 267748

 E8FFFF

 005E31

 00461C

 002F03

 001800

 000000

 78C893

 78C893

 64C886

 8CC8A0

 50C879

 A0C8AE

 3CC86B

 B4C8BB

 28C85E

 C8C8C8

 14C851

 DCC8D5

 00C843

 F0C8E3

 FFC8F0

 FFC8FD

 FFC8FF

Harmonies

Analogous

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



A5C176



78C893



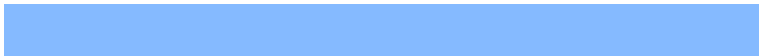
42CBB9

Triad

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



78C893



85BAFF



FE9E91

Complementary

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



78C893



C878AD

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.



FE9AB6



78C893



BFACF7

Square

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



78C893



3EC4F9



E9A0DB



ECA976

Rectangle

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



78C893



11CBD2



E9A0DB



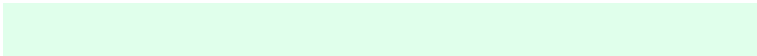
FF9B9D

Sweetspot

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



78C893



E0FFEB



ADC878



6E8074



000000



808080

Same Dimension

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



78C893



85FFAE



78C8BB



5A635D



00A337



00240C

Inverse Universe

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



C878AD



FF85D6



C87885



635A60



A3006C



240018

Previews

White Background



This preview shows how the Hex color 78C893 looks on a white 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

Black Background



This preview shows how the Hex color 78C893 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 78C893 Background



This preview shows how black text looks on a background with the Hex color 78C893.

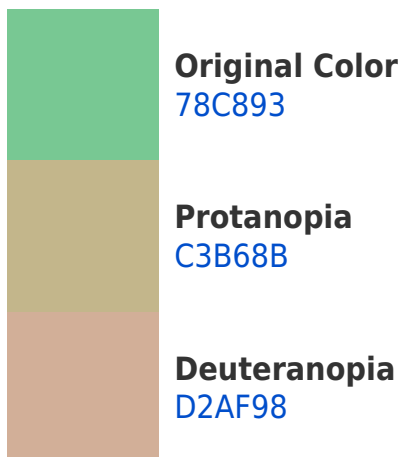


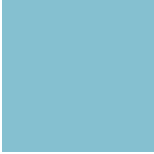
This preview shows how white text looks on a background with the Hex color 78C893.

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
85C0D0

Trichromacy



Original Color
78C893



Protanomaly
A8BD8E



Deuteranomaly
B1B896



Tritanomaly
80C3BA

Monochromacy



Original Color
78C893



Achromatopsia
AAAAAA



Achromatomaly
98B5A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 78C893 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 #78C893 looks like.

```
.text, #text, p{  
    color:#78C893  
}
```

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 #78C893 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C893
}
```

Border

The CSS property to change the border of an element to Hex 78C893 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
#78C893 }
```

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

```
.border{ border-color:#78C893 }
```

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

Here you see how a box with a 4 pixel #78C893 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C893; -webkit-box-shadow:4px 4px  
4px 4px #78C893; box-shadow:4px 4px 4px  
4px #78C893 }
```

Background

The CSS property to change the background color of an element to Hex 78C893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C893 }
```

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

```
.background{ background-color:#78C893 }
```

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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