

Converting Colors

Hex(78C295)

Have a look what the booklet for
Hex(78C295) contains.

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Color

Hex(78C295)

Conversions

Conversions Part 1

Format	Color
Hex	78C295
RGB	120, 194, 149
RGB Percent	47%, 76%, 58%
CMY	0.5294, 0.2392, 0.4157
CMYK	0.38, 0.00, 0.23, 0.24
HSL	144°, 38%, 62%
HSV	144°, 38%, 76%
XYZ	32.4623, 44.7466, 35.3598
YIQ	166.7440, -29.6590, -29.6830

Conversions

Conversions Part 2

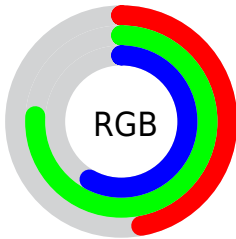
Format	Color
RYB	120, 173, 194
Decimal	7914133
CIELab	72.72, -32.93, 15.50
CIELCh	73, 36.398, 154.792
Yxy	44.7466, 0.2884, 0.3975
Android (android.graphics.Color)	4286104213 (0xFF78C295)
YUV	166.7440, -8.7478, -40.9945
Hunter-Lab	66.8929, -30.4386, 15.4841

Details

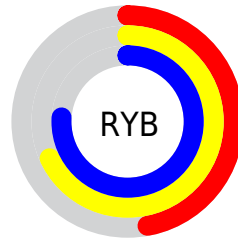
The Hex color **78C295** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C278A5**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **AFFBCB**, and **438C62** is the 20% darker color. If you saturate the color by 10%, you get **65C289**, and if you desaturate by 10%, it is **8BC2A1**.

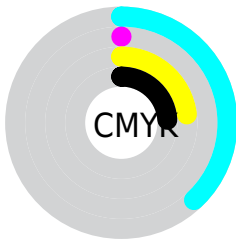
Distribution



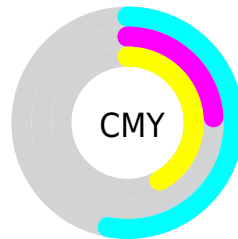
- Red (47%)
- Green (76%)
- Blue (58%)



- Red (47%)
- Yellow (68%)
- Blue (76%)



- Cyan (38%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78C295 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 78C295 by changing the saturation by 10% instead.

 78C295

 78C295

FFFFFF

 5DA77B

 AFFBCB

 438C62

 CBFFE7

 28724A

 E8FFFF

 045933

 00411E

 002A06

 001100

 000000

 78C295

 78C295

 65C289

 8BC2A1

 51C27D

 9FC2AD

 3EC272

 B2C2B8

 2AC266

 C6C2C4

 17C25A

 D9C2D0

 04C24E

 ECC2DC

 00C24C

 FFC2E8

 FFC2F3

 FFC2FF

Harmonies

Analogous

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



A0BC7B



78C295



4EC5B7

Triad

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



78C295



8CB4F4



F19D8E

Complementary

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



78C295



C278A5

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.



F399AE



78C295



BEA8E9

Square

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



78C295



56BDEE



E19DCF



E0A777

Rectangle

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



78C295



38C4CD



E19DCF



F49B98

Sweetspot

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



78C295



E1FCEC



A6C278



6F8075



000000



808080

Same Dimension

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



78C295



88FCB6



78C2B9



57615B



00A13F



00210D

Inverse Universe

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



C278A5



FC88CF



C27881



61575D



A10062



210014

Previews

White Background



This preview shows how the Hex color 78C295 looks on a white background.

Color Contrast Check

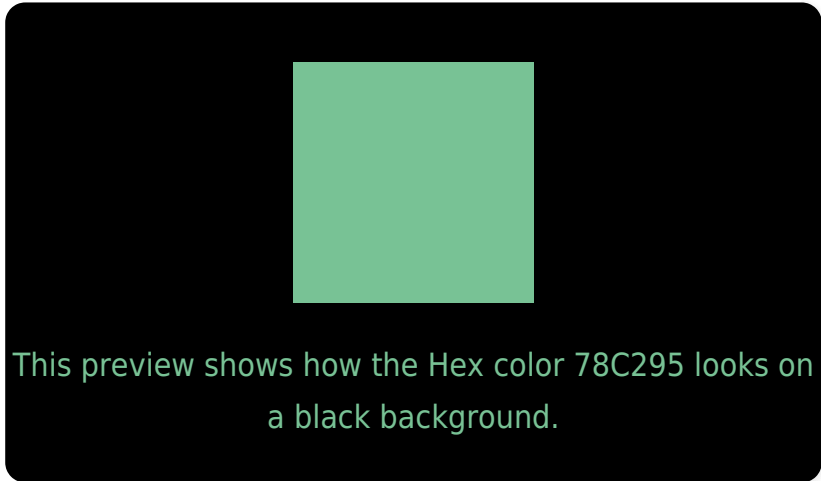
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

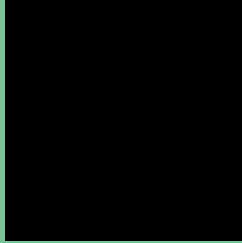
Any Text WCAG AA ✓ Pass

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 78C295 Background



This preview shows how black text looks on a background with the Hex color 78C295.

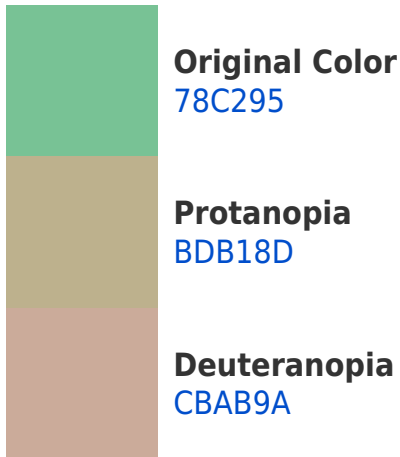


This preview shows how white text looks on a background with the Hex color 78C295.

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
84BBCA

Trichromacy



Original Color
78C295



Protanomaly
A4B790



Deuteranomaly
ADB398



Tritanomaly
80BEB7

Monochromacy



Original Color
78C295



Achromatopsia
A7A7A7



Achromatomaly
96B1A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 78C295 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 #78C295 looks like.

```
.text, #text, p{  
    color:#78C295  
}
```

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 #78C295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C295
}
```

Border

The CSS property to change the border of an element to Hex 78C295 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
#78C295 }
```

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

```
.border{ border-color:#78C295 }
```

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

Here you see how a box with a 4 pixel #78C295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C295; -webkit-box-shadow:4px 4px  
4px 4px #78C295; box-shadow:4px 4px 4px  
4px #78C295 }
```

Background

The CSS property to change the background color of an element to Hex 78C295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C295 }
```

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

```
.background{ background-color:#78C295 }
```

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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