

Converting Colors

Hex(798FA1)

Have a look what the booklet for
Hex(798FA1) contains.

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Color

Hex(798FA1)

Conversions

Conversions Part 1

Format	Color
Hex	798FA1
RGB	121, 143, 161
RGB Percent	47%, 56%, 63%
CMY	0.5255, 0.4392, 0.3686
CMYK	0.25, 0.11, 0.00, 0.37
HSL	207°, 18%, 55%
HSV	207°, 25%, 63%
XYZ	24.1406, 26.2831, 37.5190
YIQ	138.4740, -18.8900, 0.9340

Conversions

Conversions Part 2

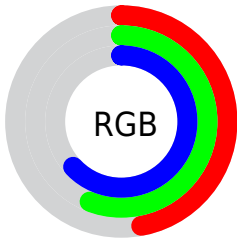
Format	Color
R_YB	121, 135, 161
Decimal	7966625
CIE Lab	58.30, -3.63, -12.10
CIE LCh	58, 12.637, 253.289
Yxy	26.2831, 0.2745, 0.2989
Android (android.graphics.Color)	4286156705 (0xFF798FA1)
YUV	138.4740, 11.1053, -15.3247
Hunter-Lab	51.2670, -5.6651, -7.5036

Details

The Hex color **798FA1** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A18B79**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **AEC5D8**, and **475D6D** is the 20% darker color. If you saturate the color by 10%, you get **6988A1**, and if you desaturate by 10%, it is **8996A1**.

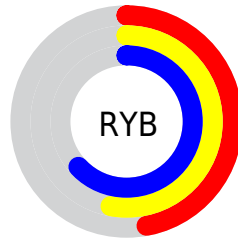
Distribution



Red (47%)

Green (56%)

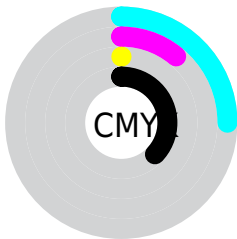
Blue (63%)



Red (47%)

Yellow (53%)

Blue (63%)

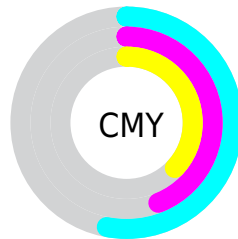


Cyan (25%)

Magenta (11%)

Yellow (0%)

Black (37%)



Cyan (53%)

Magenta (44%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 798FA1 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 798FA1 by changing the saturation by 10% instead.

■ 798FA1

■ 798FA1

FFFFFF

■ 607587

■ AEC5D8

■ 475D6D

■ CAE1F4

■ 304555

■ E6FDFF

■ 192F3E

■ 021A28

■ 000114

■ 000000

■ 798FA1

■ 798FA1

■ 6988A1

■ 8996A1

■ 5981A1

■ 999DA1

■ 4979A1

■ A9A5A1

■ 3972A1

■ B9ACA1

■ 296BA1

■ CAB3A1

■ 1864A1

■ DABAA1

■ 085CA1

■ EAC2A1

■ 0059A1

■ FAC9A1

■ FFD0A1

Harmonies

Analogous

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



71929B



798FA1



868BA2

Triad

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



798FA1



A48588



83907C

Complementary

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



798FA1



A18B79

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.



908D77



798FA1



A2867D

Square

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



798FA1



9F8593



9B8977



789285

Rectangle

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



798FA1



90899F



9B8977



878F7A

Sweetspot

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



798FA1



C2CBD1



79A18B



606569



E8E8E8



696969

Same Dimension

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



798FA1



92B5D1



797CA1



494E52



005091



000A12

Inverse Universe

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



A1798F



D192B5



A19F79



52494E



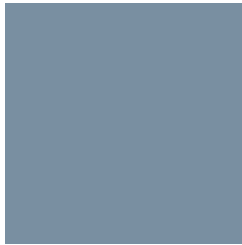
910050



12000A

Previews

White Background



This preview shows how the Hex color 798FA1 looks on a white background.

Color Contrast Check

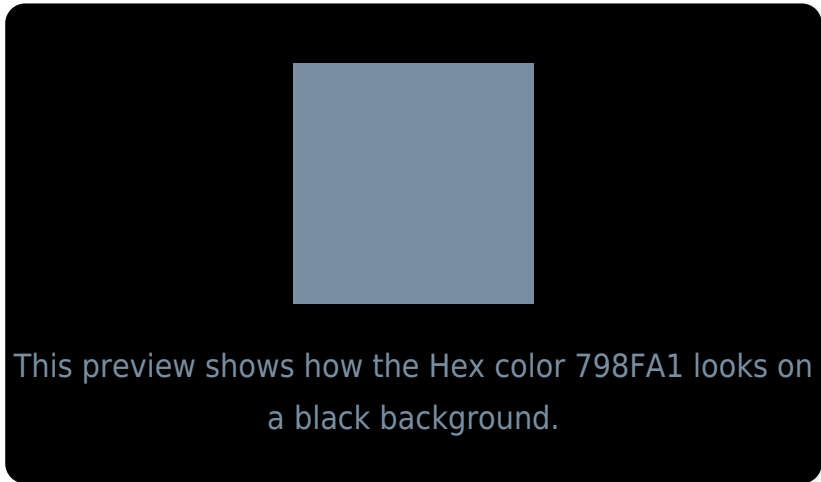
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

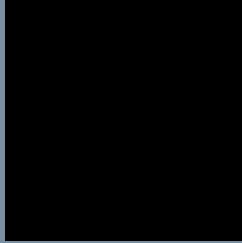
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

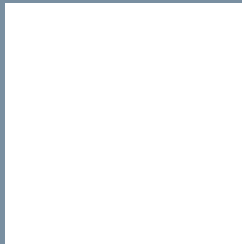
Any Text WCAG AAA × Fail

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

Hex 798FA1 Background



This preview shows how black text looks on a background with the Hex color 798FA1.



This preview shows how white text looks on a background with the Hex color 798FA1.

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



Original Color
798FA1

Protanopia
898B9E

Deuteranopia
8F88A2



Tritanopia
78909B

Trichromacy



Original Color
798FA1

Protanomaly
838C9F

Deuteranomaly
878BA2

Tritanomaly
78909D

Monochromacy



Original Color
798FA1

Achromatopsia
8A8A8A

Achromatomaly
848C92

CSS Examples

Text

The CSS property to change the color of the text to Hex 798FA1 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 #798FA1 looks like.

```
.text, #text, p{  
    color:#798FA1  
}
```

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 #798FA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798FA1  
}
```

Border

The CSS property to change the border of an element to Hex 798FA1 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  
#798FA1 }
```

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

```
.border{ border-color:#798FA1 }
```

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

Here you see how a box with a 4 pixel #798FA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798FA1; -webkit-box-shadow:4px 4px  
4px 4px #798FA1; box-shadow:4px 4px 4px  
4px #798FA1 }
```

Background

The CSS property to change the background color of an element to Hex 798FA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798FA1 }
```

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

```
.background{ background-color:#798FA1 }
```

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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