

Converting Colors

Hex(819FA1)

Have a look what the booklet for
Hex(819FA1) contains.

Hex(819FA1)	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(819FA1)

Conversions

Conversions Part 1

Format	Color
Hex	819FA1
RGB	129, 159, 161
RGB Percent	51%, 62%, 63%
CMY	0.4941, 0.3765, 0.3686
CMYK	0.20, 0.01, 0.00, 0.37
HSL	184°, 15%, 57%
HSV	184°, 20%, 63%
XYZ	27.8844, 32.0366, 38.4322
YIQ	150.2580, -18.5220, -5.7380

Conversions

Conversions Part 2

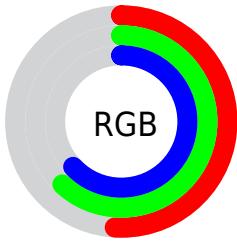
Format	Color
RYB	129, 144, 161
Decimal	8495009
CIELab	63.37, -9.89, -4.49
CIELCh	63, 10.864, 204.430
Yxy	32.0366, 0.2835, 0.3257
Android (android.graphics.Color)	4286685089 (0xFF819FA1)
YUV	150.2580, 5.2958, -18.6433
Hunter-Lab	56.6009, -11.1136, -0.6375

Details

The Hex color **819FA1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A18381**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B6D6D8**, and **4F6C6E** is the 20% darker color. If you saturate the color by 10%, you get **719EA1**, and if you desaturate by 10%, it is **91A0A1**.

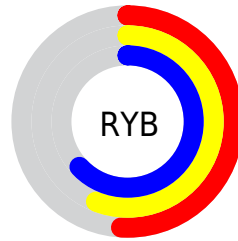
Distribution



Red (51%)

Green (62%)

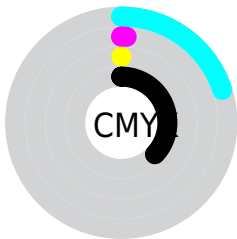
Blue (63%)



Red (51%)

Yellow (56%)

Blue (63%)

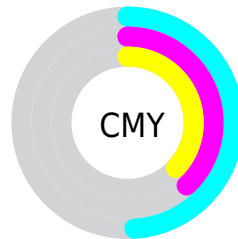


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (37%)



Cyan (49%)

Magenta (38%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 819FA1 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 819FA1 by changing the saturation by 10% instead.

819FA1

819FA1

FFFFFF

688587

B6D6D8

4F6C6E

D2F2F4

375355

FFFFFF

203C3E

092628

001214

000000

819FA1

819FA1

719EA1

91A0A1

619DA1

A1A1A1

519CA1

B1A2A1

419BA1

C1A3A1

319AA1

D2A4A1

2099A1

E2A5A1

1098A1

F2A6A1

0097A1

FFA7A1

FFA8A1

Harmonies

Analogous

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



859F97



819FA1



849DA9

Triad

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



819FA1



A495A5



A39886

Complementary

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



819FA1



A18381

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.



AB958A



819FA1



AC939C

Square

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



819FA1



9998AB



AE9392



999B88

Rectangle

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



819FA1



8A9CAC



AE9392



A69787

Sweetspot

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



819FA1



C5D0D1



81A183



616869



E8E8E8



696969

Same Dimension

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



819FA1



9FCED1



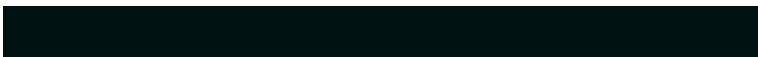
818FA1



495152



008891



001112

Inverse Universe

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



A1819F



D19FCE



A19381



524951



910088



120011

Previews

White Background



This preview shows how the Hex color 819FA1 looks on a white background.

Color Contrast Check

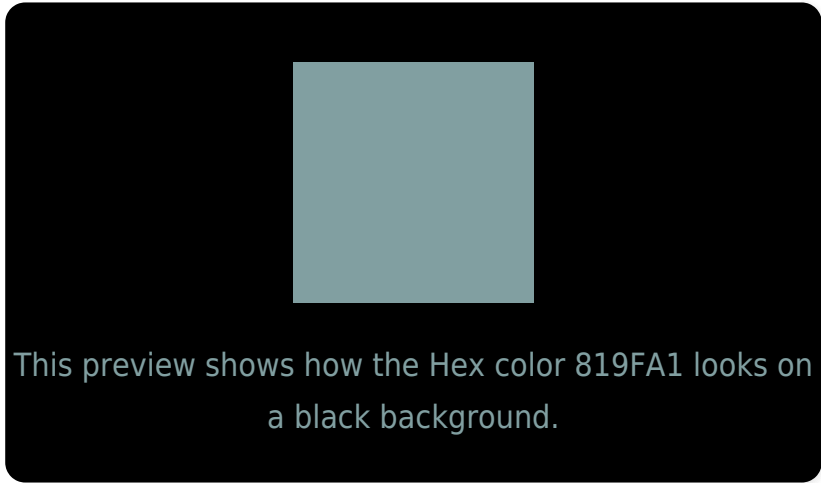
Large Text (above 18pt) WCAG AA × Fail

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

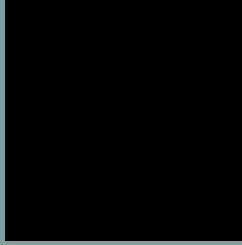
Any Text WCAG AA ✓ Pass

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 819FA1 Background



This preview shows how black text looks on a background with the Hex color 819FA1.

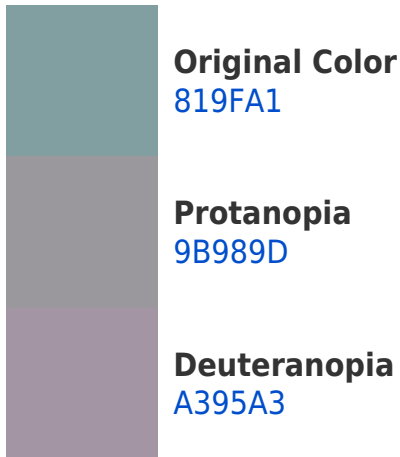


This preview shows how white text looks on a background with the Hex color 819FA1.

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](#).

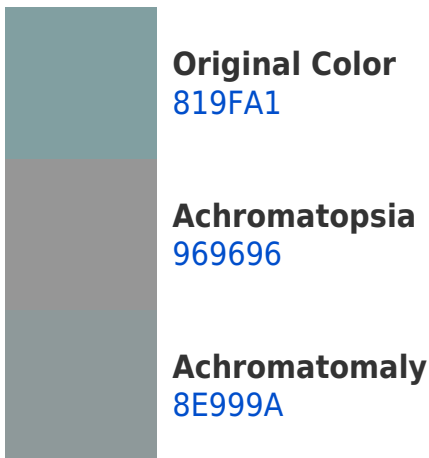
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 819FA1 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 #819FA1 looks like.

```
.text, #text, p{  
    color:#819FA1  
}
```

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 #819FA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #819FA1
}
```

Border

The CSS property to change the border of an element to Hex 819FA1 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
#819FA1 }
```

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

```
.border{ border-color:#819FA1 }
```

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

Here you see how a box with a 4 pixel #819FA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #819FA1; -webkit-box-shadow:4px 4px  
4px 4px #819FA1; box-shadow:4px 4px 4px  
4px #819FA1 }
```

Background

The CSS property to change the background color of an element to Hex 819FA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#819FA1 }
```

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

```
.background{ background-color:#819FA1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor