

Converting Colors

Hex(819FA3)

Have a look what the booklet for
Hex(819FA3) contains.

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Color

Hex(819FA3)

Conversions

Conversions Part 1

Format	Color
Hex	819FA3
RGB	129, 159, 163
RGB Percent	51%, 62%, 64%
CMY	0.4941, 0.3765, 0.3608
CMYK	0.21, 0.02, 0.00, 0.36
HSL	187°, 16%, 57%
HSV	187°, 21%, 64%
XYZ	28.0623, 32.1077, 39.3687
YIQ	150.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

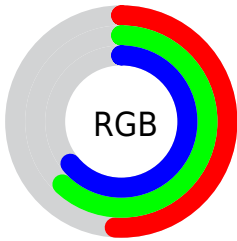
Format	Color
RYB	129, 145, 163
Decimal	8495011
CIELab	63.43, -9.44, -5.53
CIElCh	63, 10.940, 210.366
Yxy	32.1077, 0.2819, 0.3226
Android (android.graphics.Color)	4286685091 (0xFF819FA3)
YUV	150.4860, 6.1694, -18.8432
Hunter-Lab	56.6637, -10.7607, -1.5288

Details

The Hex color **819FA3** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A38581**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B6D6DA**, and **4F6C6F** is the 20% darker color. If you saturate the color by 10%, you get **719DA3**, and if you desaturate by 10%, it is **91A1A3**.

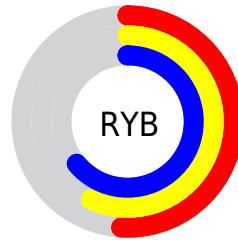
Distribution



Red (51%)

Green (62%)

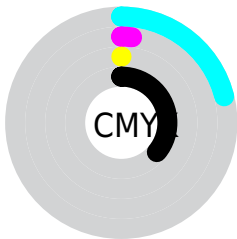
Blue (64%)



Red (51%)

Yellow (57%)

Blue (64%)

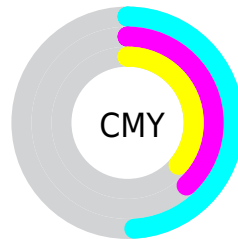


Cyan (21%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (49%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 819FA3 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 819FA3 by changing the saturation by 10% instead.

■ 819FA3

■ 819FA3

FFFFFF

■ 678589

■ B6D6DA

■ 4F6C6F

■ D2F2F6

■ 375357

■ EFFFFFF

■ 203C40

■ 09262A

■ 001215

■ 000000

■ 819FA3

■ 819FA3

■ 719DA3

■ 91A1A3

609BA3

A2A3A3

5099A3

B2A5A3

4097A3

C2A7A3

3095A3

D3A9A3

1F93A3

E3ABA3

0F92A3

F3ACA3

0090A3

FFAEA3

FFB0A3

Harmonies

Analogous

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



849F99



819FA3



859DAA

Triad

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



819FA3



A794A3



A29986

Complementary

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



819FA3



A38581

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.



AA9689



819FA3



AD939A

Square

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



819FA3



9C97AA



AE9490



979C89

Rectangle

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



819FA3



8C9BAC



AE9490



A59887

Sweetspot

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



819FA3



C7D2D4



81A385



646A6B



EBEBEB



6B6B6B

Same Dimension

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



819FA3



9FCDD4



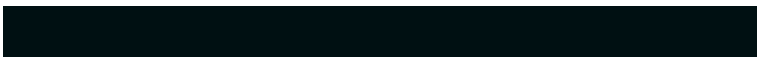
818EA3



495152



008091



001012

Inverse Universe

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



A3819F



D49FCD



A39681



524951



910080



120010

Previews

White Background



This preview shows how the Hex color 819FA3 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

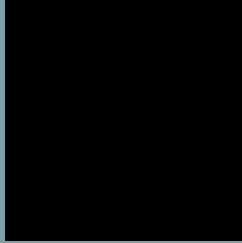
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

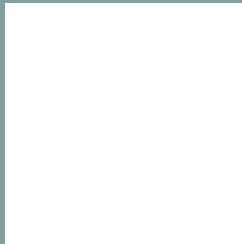
Any Text WCAG AAA ✓ Pass

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

Hex 819FA3 Background



This preview shows how black text looks on a background with the Hex color 819FA3.

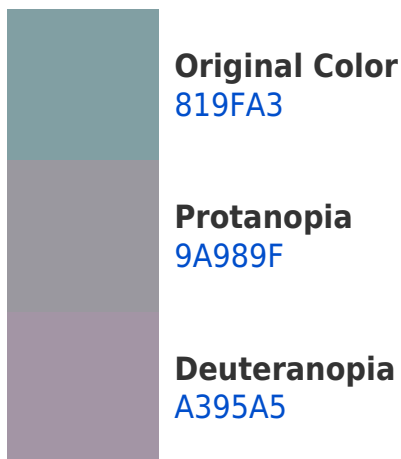


This preview shows how white text looks on a background with the Hex color 819FA3.

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](#).

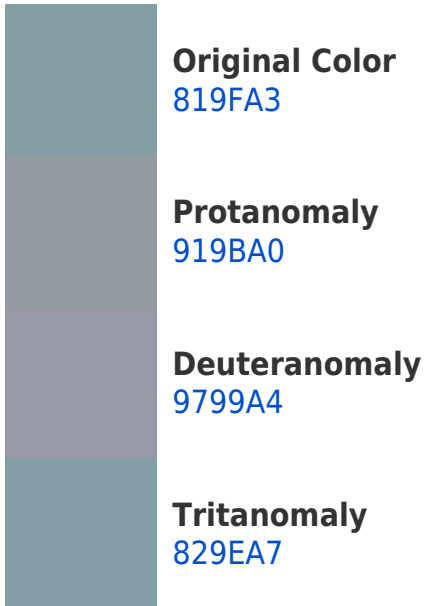
Dichromacy



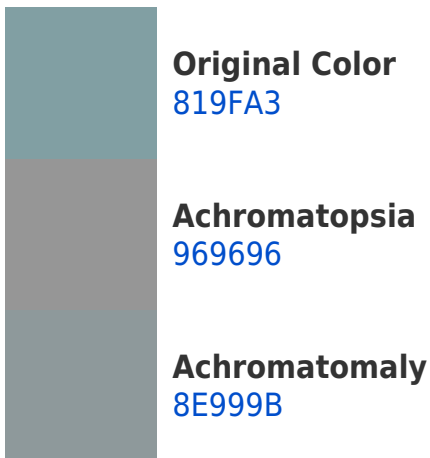


Tritanopia
829EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 819FA3 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 #819FA3 looks like.

```
.text, #text, p{  
    color:#819FA3  
}
```

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 #819FA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #819FA3
}
```

Border

The CSS property to change the border of an element to Hex 819FA3 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
#819FA3 }
```

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

```
.border{ border-color:#819FA3 }
```

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

Here you see how a box with a 4 pixel #819FA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #819FA3; -webkit-box-shadow:4px 4px  
4px 4px #819FA3; box-shadow:4px 4px 4px  
4px #819FA3 }
```

Background

The CSS property to change the background color of an element to Hex 819FA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#819FA3 }
```

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

```
.background{ background-color:#819FA3 }
```

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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