

Converting Colors

Hex(789FA3)

Have a look what the booklet for
Hex(789FA3) contains.

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Color

Hex(789FA3)

Conversions

Conversions Part 1

Format	Color
Hex	789FA3
RGB	120, 159, 163
RGB Percent	47%, 62%, 64%
CMY	0.5294, 0.3765, 0.3608
CMYK	0.26, 0.02, 0.00, 0.36
HSL	186°, 19%, 55%
HSV	186°, 26%, 64%
XYZ	26.7547, 31.4337, 39.3075
YIQ	147.7950, -24.5280, -7.0240

Conversions

Conversions Part 2

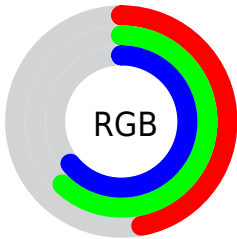
Format	Color
R_{YB}	120, 140, 163
Decimal	7905187
CIE _{Lab}	62.87, -12.28, -6.42
CIE _{LCh}	63, 13.858, 207.608
Yxy	31.4337, 0.2744, 0.3224
Android (android.graphics.Color)	4286095267 (0xFF789FA3)
YUV	147.7950, 7.4961, -24.3762
Hunter-Lab	56.0658, -12.9344, -2.3220

Details

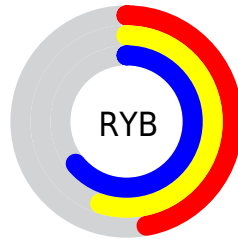
The Hex color **789FA3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A37C78**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ADD6DA**, and **466C6F** is the 20% darker color. If you saturate the color by 10%, you get **689DA3**, and if you desaturate by 10%, it is **88A1A3**.

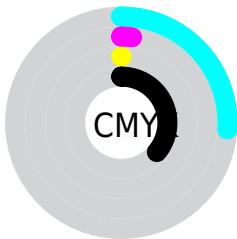
Distribution



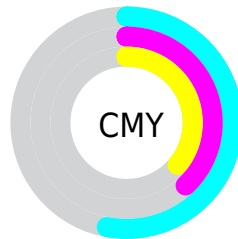
- Red (47%)
- Green (62%)
- Blue (64%)



- Red (47%)
- Yellow (55%)
- Blue (64%)



- Cyan (26%)
- Magenta (2%)
- Yellow (0%)
- Black (36%)



- Cyan (53%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789FA3 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 789FA3 by changing the saturation by 10% instead.



789FA3



789FA3

FFFFFF



5E8589



ADD6DA



466C6F



C9F2F6



2E5357



E5FFFF



153C40



00262A



001215



000000



789FA3



789FA3



689DA3



88A1A3

579CA3

99A2A3

479AA3

A9A4A3

3799A3

B9A5A3

2697A3

CAA7A3

1696A3

DAA8A3

0694A3

EAAAA3

0094A3

FAABA3

FFADA3

Harmonies

Analogous

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



7C9F97



789FA3



7D9DAC

Triad

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



789FA3



A792A5



A39780

Complementary

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



789FA3



A37C78

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.



AD9384



789FA3



B0909A

Square

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



789FA3



9995AE



B2908D



959B82

Rectangle

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



789FA3



859BB0



B2908D



A79680

Sweetspot

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



789FA3



C3D2D4



78A37C



606A6B



EBEBEB



6B6B6B

Same Dimension

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



789FA3



90CDD4



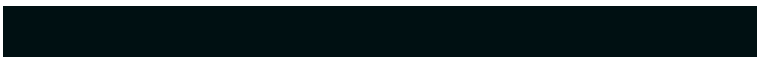
788AA3



495152



008491



001012

Inverse Universe

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



A3789F



D490CD



A39178



524951



910084



120010

Previews

White Background



This preview shows how the Hex color 789FA3 looks on a white background.

Color Contrast Check

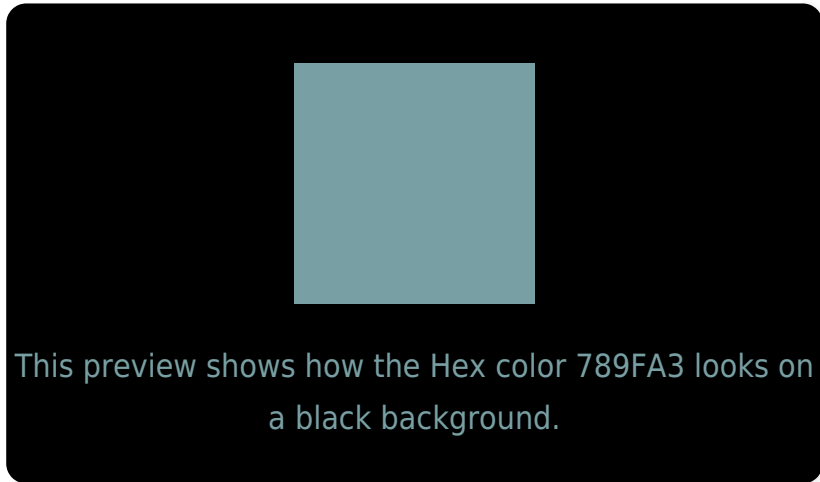
Large Text (above 18pt) WCAG AA × Fail

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

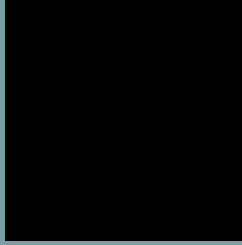
Any Text WCAG AA ✓ Pass

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 789FA3 Background



This preview shows how black text looks on a background with the Hex color 789FA3.

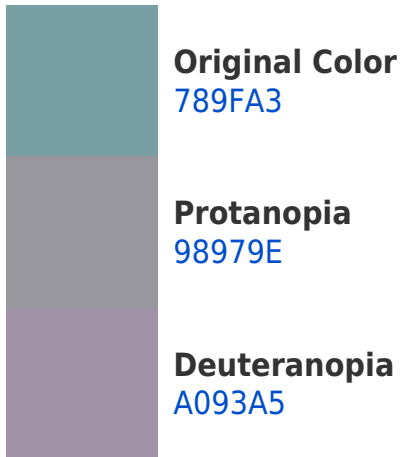


This preview shows how white text looks on a background with the Hex color 789FA3.

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](#).

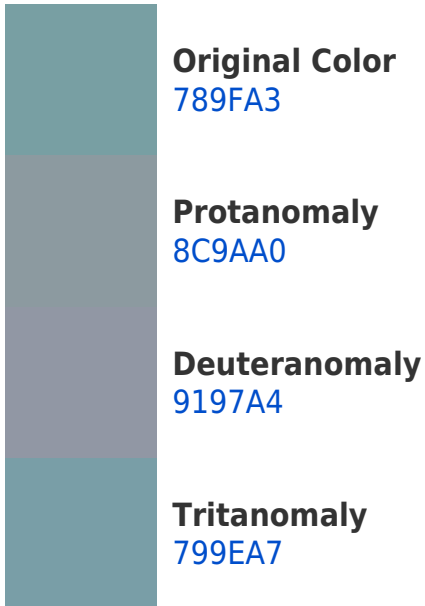
Dichromacy



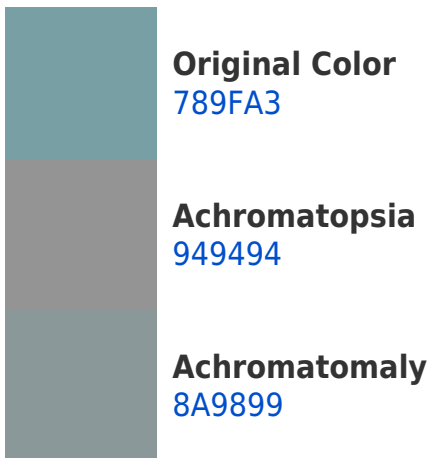


Tritanopia
7A9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 789FA3 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 #789FA3 looks like.

```
.text, #text, p{  
    color:#789FA3  
}
```

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 #789FA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789FA3  
}
```

Border

The CSS property to change the border of an element to Hex 789FA3 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  
#789FA3 }
```

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

```
.border{ border-color:#789FA3 }
```

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

Here you see how a box with a 4 pixel #789FA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789FA3; -webkit-box-shadow:4px 4px  
4px 4px #789FA3; box-shadow:4px 4px 4px  
4px #789FA3 }
```

Background

The CSS property to change the background color of an element to Hex 789FA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789FA3 }
```

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

```
.background{ background-color:#789FA3 }
```

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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