

Converting Colors

Hex(789FBB)

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

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Color

Hex(789FBB)

Conversions

Conversions Part 1

Format	Color
Hex	789FBB
RGB	120, 159, 187
RGB Percent	47%, 62%, 73%
CMY	0.5294, 0.3765, 0.2667
CMYK	0.36, 0.15, 0.00, 0.27
HSL	205°, 33%, 60%
HSV	205°, 36%, 73%
XYZ	29.1135, 32.3772, 51.7287
YIQ	150.5310, -32.2320, 0.4400

Conversions

Conversions Part 2

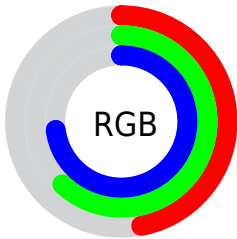
Format	Color
R _Y B	120, 145, 187
Decimal	7905211
CIE Lab	63.65, -6.29, -18.72
CIE LCh	64, 19.753, 251.437
Yxy	32.3772, 0.2571, 0.2860
Android (android.graphics.Color)	4286095291 (0xFF789FBB)
YUV	150.5310, 17.9792, -26.7757
Hunter-Lab	56.9010, -8.2468, -14.0699

Details

The Hex color **789FBB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BB9478**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **AED6F3**, and **446C86** is the 20% darker color. If you saturate the color by 10%, you get **6597BB**, and if you desaturate by 10%, it is **8BA7BB**.

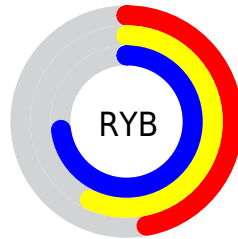
Distribution



Red (47%)

Green (62%)

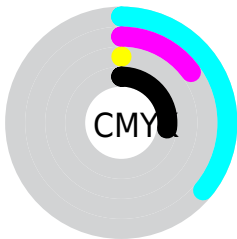
Blue (73%)



Red (47%)

Yellow (57%)

Blue (73%)

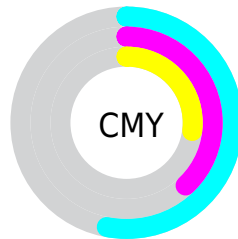


Cyan (36%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

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

 789FBB

 789FBB

FFFFFF

 5E85A0

 AED6F3

 446C86

 CAF2FF

 2A536C

 E7FFFF

 0C3C54

 00273D

 001227

 000111

 000000

 789FBB

 789FBB

6597BB

8BA7BB

538FBB

9DAFBB

4088BB

B0B6BB

2D80BB

C3BEBB

1B78BB

D5C6BB

0870BB

E8CEBB

006DBB

FBD6BB

FFDEBB

FFE5BB

Harmonies

Analogous

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



6AA3B1



789FBB



8F99BC

Triad

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



789FBB



BE8E94



8DA07F

Complementary

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



789FBB



BB9478

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.



A19B78



789FBB



BC9084

Square

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



789FBB



B78FA6



B19579



79A38E

Rectangle

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



789FBB



9E95B8



B19579



939F7C

Sweetspot

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



789FBB



D8E7F2



78BB94



6A747A



FAFAFA



7A7A7A

Same Dimension

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



789FBB



8AC7F2



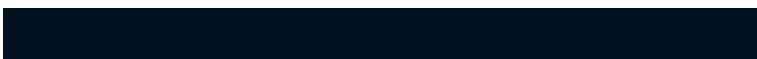
787EBB



555A5E



005C9E



00121F

Inverse Universe

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



BB789F



F28AC7



BBB578



5E555A



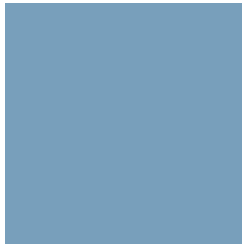
9E005C



1F0012

Previews

White Background



This preview shows how the Hex color 789FBB 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 789FBB Background



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



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

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](#).

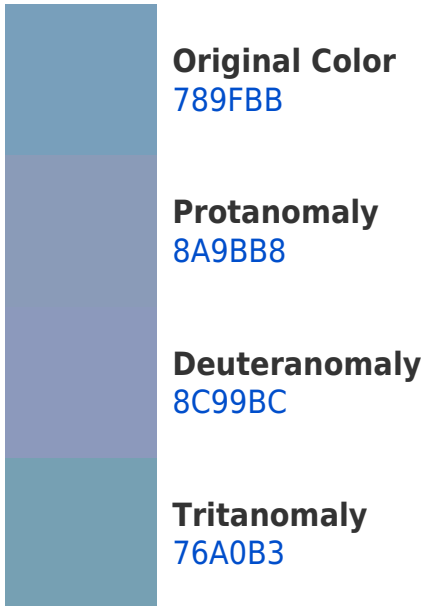
Dichromacy



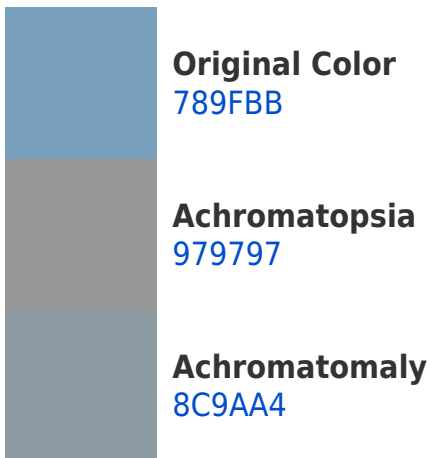


Tritanopia
75A1AE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #789FBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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