

Converting Colors

Hex(789AB6)

Have a look what the booklet for
Hex(789AB6) contains.

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Color

Hex(789AB6)

Conversions

Conversions Part 1

Format	Color
Hex	789AB6
RGB	120, 154, 182
RGB Percent	47%, 60%, 71%
CMY	0.5294, 0.3961, 0.2863
CMYK	0.34, 0.15, 0.00, 0.29
HSL	207°, 30%, 59%
HSV	207°, 34%, 71%
XYZ	27.7448, 30.4817, 48.6772
YIQ	147.0260, -29.2520, 1.5000

Conversions

Conversions Part 2

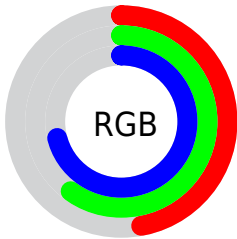
Format	Color
RYB	120, 142, 182
Decimal	7903926
CIELab	62.07, -4.82, -18.33
CIELCh	62, 18.951, 255.267
Yxy	30.4817, 0.2595, 0.2851
Android (android.graphics.Color)	4286094006 (0xFF789AB6)
YUV	147.0260, 17.2422, -23.7018
Hunter-Lab	55.2102, -6.9161, -13.6271

Details

The Hex color **789AB6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B69478**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **AED0EE**, and **456781** is the 20% darker color. If you saturate the color by 10%, you get **6692B6**, and if you desaturate by 10%, it is **8AA2B6**.

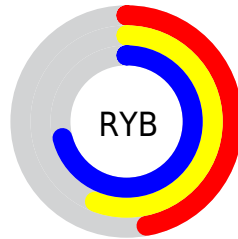
Distribution



Red (47%)

Green (60%)

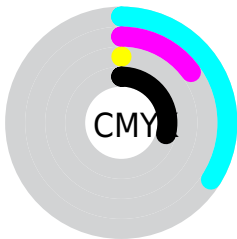
Blue (71%)



Red (47%)

Yellow (56%)

Blue (71%)

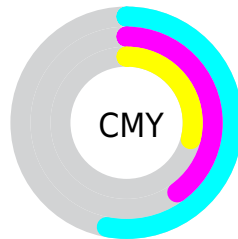


Cyan (34%)

Magenta (15%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789AB6 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 789AB6 by changing the saturation by 10% instead.



789AB6



789AB6

FFFFFF



5E809B



AED0EE



456781



CAEDFF



2B4F68



E6FFFF



103850



002339



000D23



00000B



000000



789AB6



789AB6

6692B6

8AA2B6

548AB6

9CAAB6

4181B6

AFB3B6

2F79B6

C1BBB6

1D71B6

D3C3B6

0B69B6

E5CBB6

0064B6

F7D4B6

FFDCB6

FFE4B6

Harmonies

Analogous

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



6A9EAD



789AB6



8E95B6

Triad

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



789AB6



B98A8E



879C7E

Complementary

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



789AB6



B69478

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.



9A9876



789AB6



B68D7F

Square

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



789AB6



B38B9F



AA9276



759F8D

Rectangle

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



789AB6



9D91B1



AA9276



8D9B7A

Sweetspot

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



789AB6



D5E2ED



78B694



697178



F7F7F7



787878

Same Dimension

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



789AB6



8CC1ED



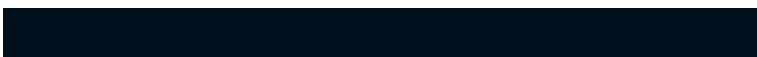
787BB6



53585C



00559C



000F1C

Inverse Universe

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



B6789A



ED8CC1



B6B378



5C5358



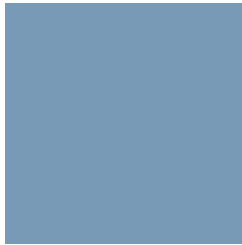
9C0055



1C000F

Previews

White Background



This preview shows how the Hex color 789AB6 looks on a white background.

Color Contrast Check

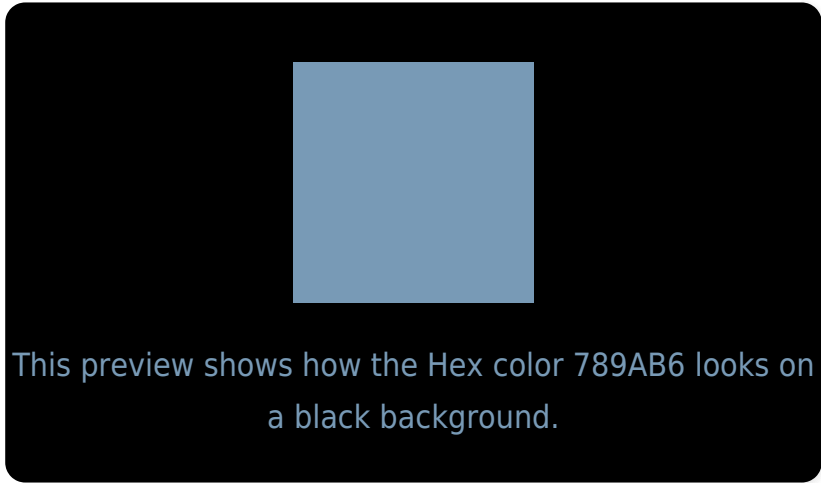
Large Text (above 18pt) WCAG AA × Fail

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

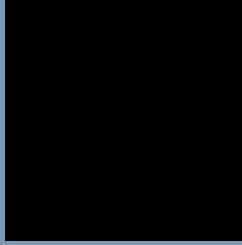
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

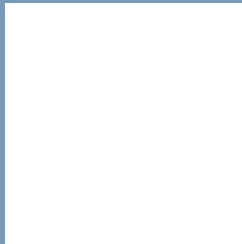
Any Text WCAG AAA ✓ Pass

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

Hex 789AB6 Background



This preview shows how black text looks on a background with the Hex color 789AB6.



This preview shows how white text looks on a background with the Hex color 789AB6.

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](#).

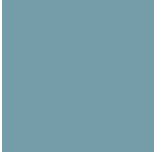
Dichromacy



Original Color
789AB6

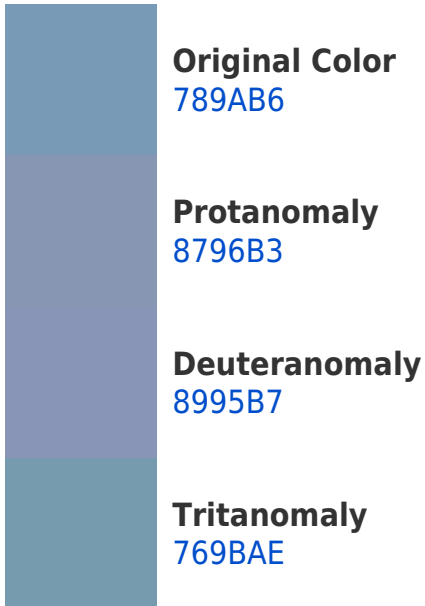
Protanopia
8F94B2

Deuteranopia
9392B8

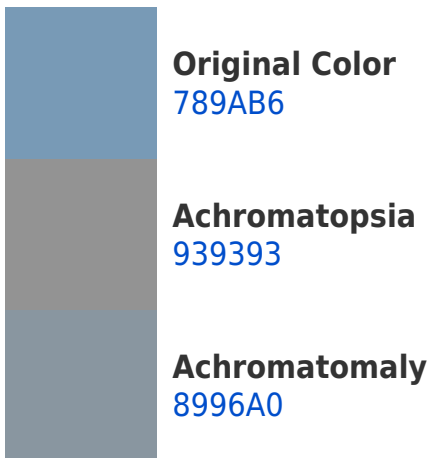


Tritanopia
759CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 789AB6 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 #789AB6 looks like.

```
.text, #text, p{  
    color:#789AB6  
}
```

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 #789AB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789AB6
}
```

Border

The CSS property to change the border of an element to Hex 789AB6 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
#789AB6 }
```

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

```
.border{ border-color:#789AB6 }
```

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

Here you see how a box with a 4 pixel #789AB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789AB6; -webkit-box-shadow:4px 4px  
4px 4px #789AB6; box-shadow:4px 4px 4px  
4px #789AB6 }
```

Background

The CSS property to change the background color of an element to Hex 789AB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789AB6 }
```

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

```
.background{ background-color:#789AB6 }
```

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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