

Converting Colors

Hex(6989BB)

Have a look what the booklet for
Hex(6989BB) contains.

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Color

Hex(6989BB)

Conversions

Conversions Part 1

Format	Color
Hex	6989BB
RGB	105, 137, 187
RGB Percent	41%, 54%, 73%
CMY	0.5882, 0.4627, 0.2667
CMYK	0.44, 0.27, 0.00, 0.27
HSL	217°, 38%, 57%
HSV	217°, 44%, 73%
XYZ	23.7410, 24.4824, 50.4880
YIQ	133.1320, -35.1220, 8.7660

Conversions

Conversions Part 2

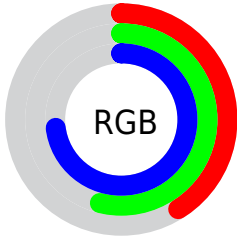
Format	Color
R_{YB}	105, 128, 187
Decimal	6916539
CIE Lab	56.57, 2.10, -29.68
CIE LCh	57, 29.758, 274.041
Yxy	24.4824, 0.2405, 0.2480
Android (android.graphics.Color)	4285106619 (0xFF6989BB)
YUV	133.1320, 26.5569, -24.6718
Hunter-Lab	49.4797, -0.9430, -25.8624

Details

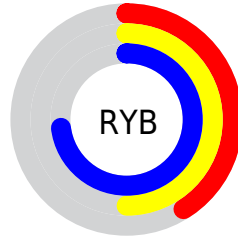
The Hex color **6989BB** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BB9B69**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9FBEF3**, and **335786** is the 20% darker color. If you saturate the color by 10%, you get **567EBB**, and if you desaturate by 10%, it is **7C94BB**.

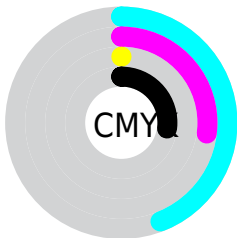
Distribution



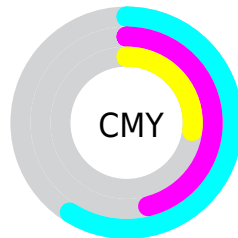
- Red (41%)
- Green (54%)
- Blue (73%)



- Red (41%)
- Yellow (50%)
- Blue (73%)



- Cyan (44%)
- Magenta (27%)
- Yellow (0%)
- Black (27%)



- Cyan (59%)
- Magenta (46%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6989BB 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 6989BB by changing the saturation by 10% instead.

■ 6989BB

■ 6989BB

FFFFFF

■ 4E70A0

■ 9FBEF3

■ 335786

■ BBDAFF

■ 14406C

■ D8F6FF

■ 002B54

■ F5FFFF

■ 00163C

■ 000326

■ 00010F

■ 000000

■ 6989BB

■ 6989BB

■ 567EBB

■ 7C94BB

■ 4472BB

■ 8EA0BB

■ 3167BB

■ A1ABBB

■ 1E5BBB

■ B4B7BB

■ 0C50BB

■ C7C2BB

■ 0049BB

■ D9CDBB

■ ECD9BB

■ FFE4BB

■ FFF0BB

Harmonies

Analogous

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



3F90B6



6989BB



8F80B3

Triad

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



6989BB



B9776C



5B9470

Complementary

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



6989BB



BB9B69

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.



7A8F5C



6989BB



AC7E5A

Square

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



6989BB



B97485



968754



3B968A

Rectangle

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



6989BB



A47AA6



968754



669268

Sweetspot

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



6989BB



D3DFF2



69BB9A



676E7A



FAFAFA



7A7A7A

Same Dimension

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



6989BB



72A4F2



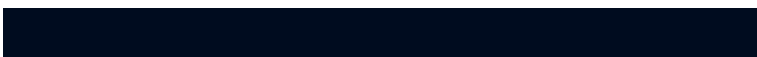
7169BB



55595E



003E9E



000C1F

Inverse Universe

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



BB6989



F272A4



B3BB69



5E5559



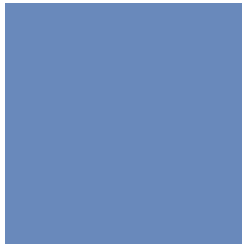
9E003E



1F000C

Previews

White Background



This preview shows how the Hex color 6989BB looks on a white background.

Color Contrast Check

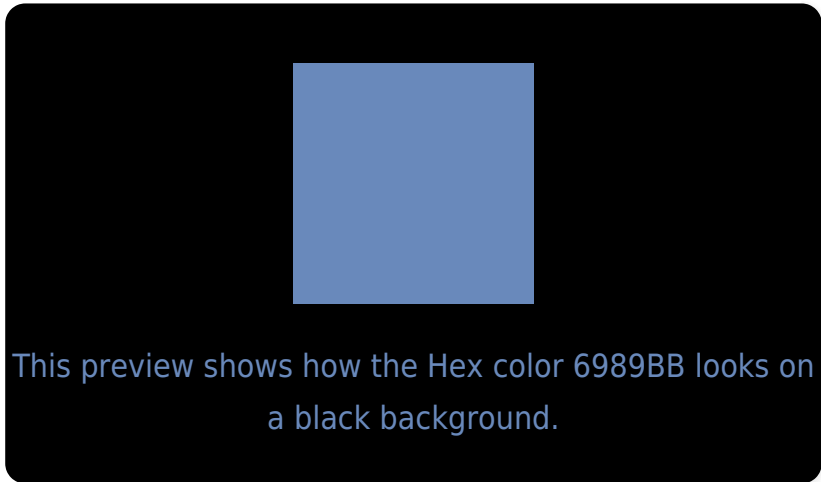
Large Text (above 18pt) WCAG AA ✓ Pass

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

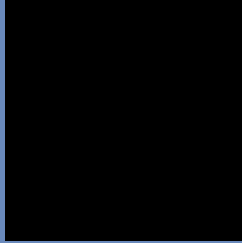
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

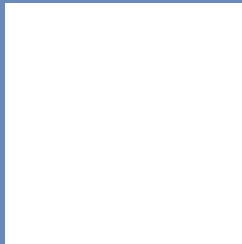
Any Text WCAG AAA × Fail

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

Hex 6989BB Background



This preview shows how black text looks on a background with the Hex color 6989BB.



This preview shows how white text looks on a background with the Hex color 6989BB.

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](#).

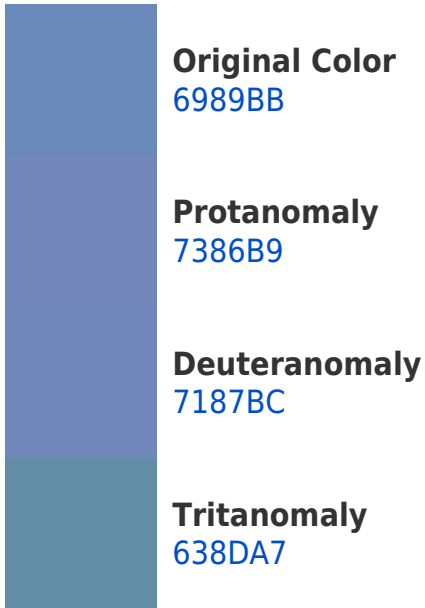
Dichromacy





Tritanopia
608F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6989BB 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 #6989BB looks like.

```
.text, #text, p{  
    color:#6989BB  
}
```

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 #6989BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6989BB  
}
```

Border

The CSS property to change the border of an element to Hex 6989BB 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  
#6989BB }
```

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

```
.border{ border-color:#6989BB }
```

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

Here you see how a box with a 4 pixel #6989BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6989BB; -webkit-box-shadow:4px 4px  
4px 4px #6989BB; box-shadow:4px 4px 4px  
4px #6989BB }
```

Background

The CSS property to change the background color of an element to Hex 6989BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6989BB }
```

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

```
.background{ background-color:#6989BB }
```

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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