

Converting Colors

Hex(6B89A7)

Have a look what the booklet for
Hex(6B89A7) contains.

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Color

Hex(6B89A7)

Conversions

Conversions Part 1

Format	Color
Hex	6B89A7
RGB	107, 137, 167
RGB Percent	42%, 54%, 65%
CMY	0.5804, 0.4627, 0.3451
CMYK	0.36, 0.18, 0.00, 0.35
HSL	210°, 25%, 54%
HSV	210°, 36%, 65%
XYZ	21.9841, 23.8071, 39.9958
YIQ	131.4500, -27.5100, 2.9700

Conversions

Conversions Part 2

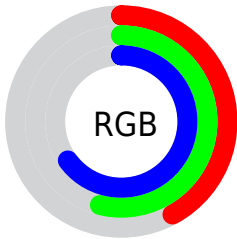
Format	Color
R_{YB}	107, 127, 167
Decimal	7047591
CIE _{Lab}	55.89, -2.97, -19.28
CIE _{LCh}	56, 19.506, 261.249
Yxy	23.8071, 0.2563, 0.2775
Android (android.graphics.Color)	4285237671 (0xFF6B89A7)
YUV	131.4500, 17.5262, -21.4426
Hunter-Lab	48.7926, -4.9615, -14.4458

Details

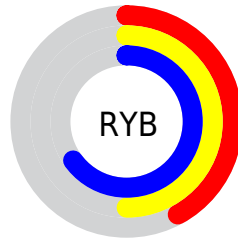
The Hex color **6B89A7** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A7896B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A0BEDE**, and **385773** is the 20% darker color. If you saturate the color by 10%, you get **5A81A7**, and if you desaturate by 10%, it is **7C91A7**.

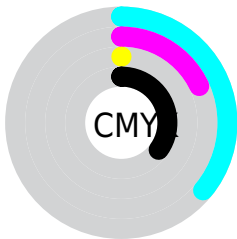
Distribution



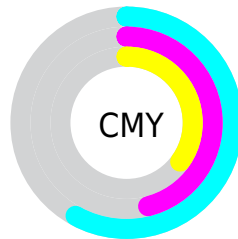
- Red (42%)
- Green (54%)
- Blue (65%)



- Red (42%)
- Yellow (50%)
- Blue (65%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (35%)



- Cyan (58%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B89A7 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 6B89A7 by changing the saturation by 10% instead.



6B89A7



6B89A7

FFFFFF



51708D



A0BEDE



385773



BCDAFB



1F405A



D8F7FF



012A43



F5FFFF



00162C



000118



000000



6B89A7



6B89A7



5A81A7



7C91A7

■ 4A78A7

■ 8C9AA7

■ 3970A7

■ 9DA2A7

■ 2868A7

■ AEAAA7

■ 175FA7

■ BEB3A7

■ 0757A7

■ CFBBA7

■ 0053A7

■ E0C3A7

■ F1CCA7

■ FFD4A7

Harmonies

Analogous

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



5A8DA0



6B89A7



8283A5

Triad

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



6B89A7



A97A7A



728D70

Complementary

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



6B89A7



A7896B

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.



868966



6B89A7



A47E6C

Square

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



6B89A7



A57A8C



978365



618F80

Rectangle

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



6B89A7



917F9F



978365



798C6C

Sweetspot

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



6B89A7



C1CDD9



6BA789



5F676E



EDEDED



6E6E6E

Same Dimension

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



6B89A7



7CAAD9



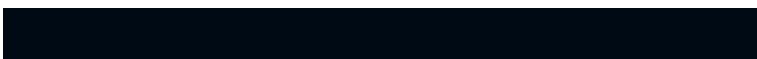
6B6BA7



4C5054



004A94



000A14

Inverse Universe

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



A76B89



D97CAA



A7A76B



544C50



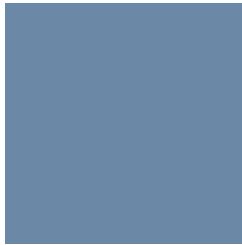
94004A



14000A

Previews

White Background



This preview shows how the Hex color 6B89A7 looks on a white background.

Color Contrast Check

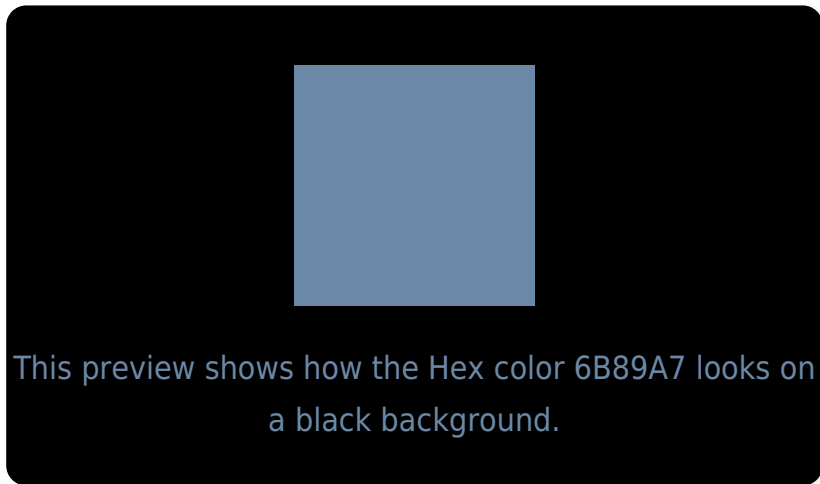
Large Text (above 18pt) WCAG AA ✓ Pass

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

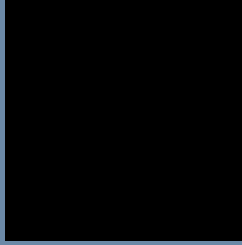
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

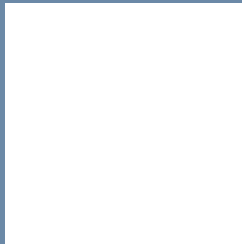
Any Text WCAG AAA × Fail

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

Hex 6B89A7 Background



This preview shows how black text looks on a background with the Hex color 6B89A7.



This preview shows how white text looks on a background with the Hex color 6B89A7.

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
6B89A7

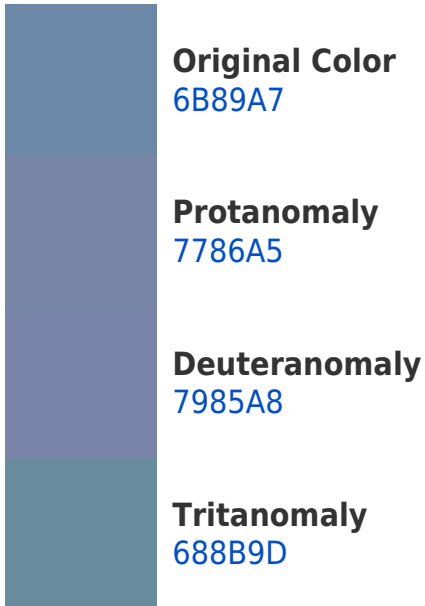
Protanopia
7E84A4

Deuteranopia
8183A8



Tritanopia
678C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B89A7 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 #6B89A7 looks like.

```
.text, #text, p{  
    color:#6B89A7  
}
```

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 #6B89A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B89A7
}
```

Border

The CSS property to change the border of an element to Hex 6B89A7 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
#6B89A7 }
```

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

```
.border{ border-color:#6B89A7 }
```

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

Here you see how a box with a 4 pixel #6B89A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B89A7; -webkit-box-shadow:4px 4px  
4px 4px #6B89A7; box-shadow:4px 4px 4px  
4px #6B89A7 }
```

Background

The CSS property to change the background color of an element to Hex 6B89A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B89A7 }
```

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

```
.background{ background-color:#6B89A7 }
```

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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