

Converting Colors

Hex(6B88A3)

Have a look what the booklet for
Hex(6B88A3) contains.

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Color

Hex(6B88A3)

Conversions

Conversions Part 1

Format	Color
Hex	6B88A3
RGB	107, 136, 163
RGB Percent	42%, 53%, 64%
CMY	0.5804, 0.4667, 0.3608
CMYK	0.34, 0.17, 0.00, 0.36
HSL	209°, 23%, 53%
HSV	209°, 34%, 64%
XYZ	21.4784, 23.3785, 38.0308
YIQ	130.4070, -25.9510, 2.2490

Conversions

Conversions Part 2

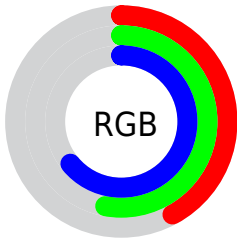
Format	Color
R_{YB}	107, 126, 163
Decimal	7047331
CIE _{Lab}	55.46, -3.47, -17.64
CIE _{LCh}	55, 17.980, 258.879
Yxy	23.3785, 0.2591, 0.2820
Android (android.graphics.Color)	4285237411 (0xFF6B88A3)
YUV	130.4070, 16.0683, -20.5279
Hunter-Lab	48.3513, -5.3221, -12.7888

Details

The Hex color **6B88A3** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A3866B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A0BDDA**, and **39566F** is the 20% darker color. If you saturate the color by 10%, you get **5B80A3**, and if you desaturate by 10%, it is **7B90A3**.

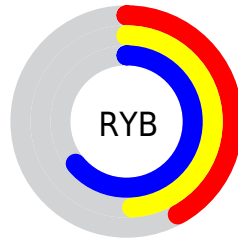
Distribution



Red (42%)

Green (53%)

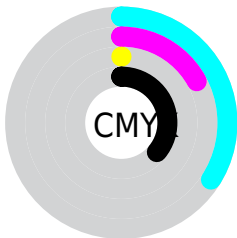
Blue (64%)



Red (42%)

Yellow (49%)

Blue (64%)

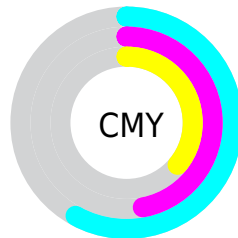


Cyan (34%)

Magenta (17%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (47%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B88A3 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 6B88A3 by changing the saturation by 10% instead.



6B88A3



6B88A3

FFFFFF



526F89



A0BDDA



39566F



BBD9F6



203F57



D8F5FF



03293F



F4FFFF



001529



000115



000000



6B88A3



6B88A3



5B80A3



7B90A3

■ 4A78A3

■ 8C98A3

■ 3A70A3

■ 9CA0A3

■ 2A69A3

■ ACA7A3

■ 1A61A3

■ BCAFA3

■ 0959A3

■ CDB7A3

■ 0054A3

■ DDBFA3

■ EDC7A3

■ FECFA3

Harmonies

Analogous

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



5C8C9C



6B88A3



8083A2

Triad

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



6B88A3



A57A7B



748B70

Complementary

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



6B88A3



A3866B

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.



868767



6B88A3



A17D6E

Square

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



6B88A3



A07A8B



968267



648D7E

Rectangle

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



6B88A3



8D7F9D



968267



7A8A6C

Sweetspot

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



6B88A3



BEC9D4



6BA385



5E656B



EBEBEB



6B6B6B

Same Dimension

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



6B88A3



7DAAD4



6B6DA3



494E52



004B91



000912

Inverse Universe

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



A36B88



D47DAA



A3A16B



52494E



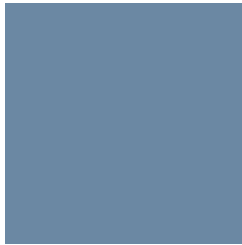
91004B



120009

Previews

White Background



This preview shows how the Hex color 6B88A3 looks on a white background.

Color Contrast Check

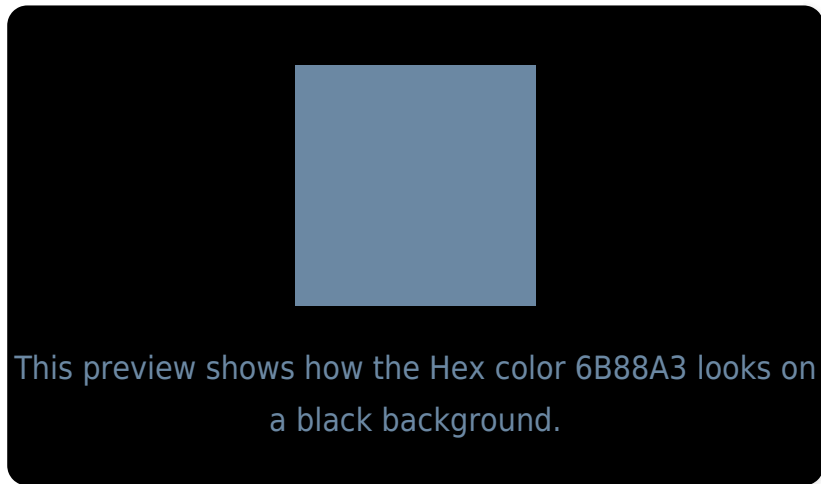
Large Text (above 18pt) WCAG AA ✓ Pass

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

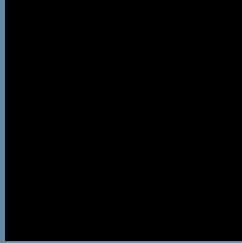
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

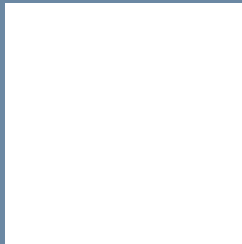
Any Text WCAG AAA × Fail

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

Hex 6B88A3 Background



This preview shows how black text looks on a background with the Hex color 6B88A3.



This preview shows how white text looks on a background with the Hex color 6B88A3.

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
6B88A3

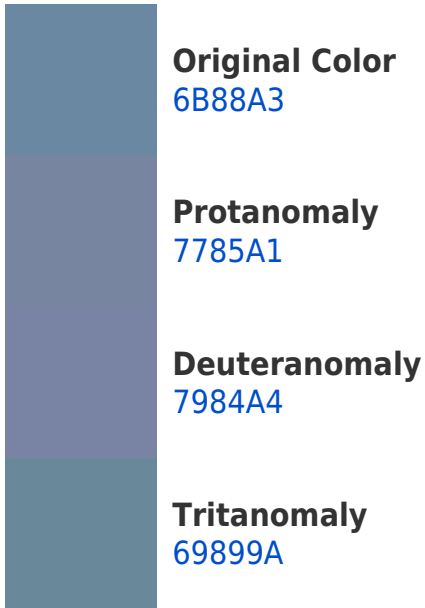
Protanopia
7E83A0

Deuteranopia
8182A4

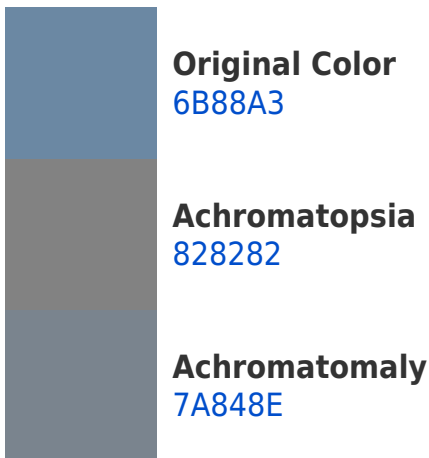


Tritanopia
688A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B88A3 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 #6B88A3 looks like.

```
.text, #text, p{  
    color:#6B88A3  
}
```

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 #6B88A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B88A3
}
```

Border

The CSS property to change the border of an element to Hex 6B88A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

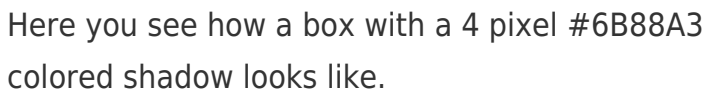
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B88A3 }
```

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

```
.border{ border-color:#6B88A3 }
```

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



Here you see how a box with a 4 pixel #6B88A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B88A3; -webkit-box-shadow:4px 4px  
4px 4px #6B88A3; box-shadow:4px 4px 4px  
4px #6B88A3 }
```

Background

The CSS property to change the background color of an element to Hex 6B88A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B88A3 }
```

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

```
.background{ background-color:#6B88A3 }
```

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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