

Converting Colors

Hex(6A8E99)

Have a look what the booklet for
Hex(6A8E99) contains.

Hex(6A8E99)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A8E99)

Conversions

Conversions Part 1

Format	Color
Hex	6A8E99
RGB	106, 142, 153
RGB Percent	42%, 56%, 60%
CMY	0.5843, 0.4431, 0.4000
CMYK	0.31, 0.07, 0.00, 0.40
HSL	194°, 19%, 51%
HSV	194°, 31%, 60%
XYZ	21.3666, 24.7101, 33.7804
YIQ	132.4900, -24.9870, -4.2110

Conversions

Conversions Part 2

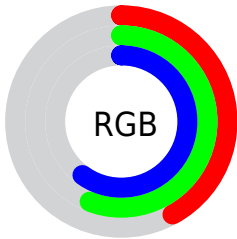
Format	Color
R_{YB}	106, 126, 153
Decimal	6983321
CIE _{Lab}	56.79, -9.74, -9.89
CIE _{LCh}	57, 13.880, 225.446
Yxy	24.7101, 0.2676, 0.3094
Android (android.graphics.Color)	4285173401 (0xFF6A8E99)
YUV	132.4900, 10.1114, -23.2317
Hunter-Lab	49.7092, -10.2661, -5.4946

Details

The Hex color **6A8E99** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **99756A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **9FC4CF**, and **385C66** is the 20% darker color. If you saturate the color by 10%, you get **5B8A99**, and if you desaturate by 10%, it is **799299**.

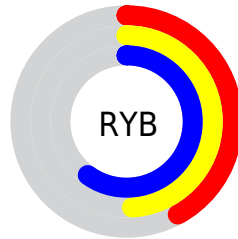
Distribution



Red (42%)

Green (56%)

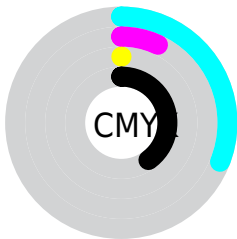
Blue (60%)



Red (42%)

Yellow (49%)

Blue (60%)

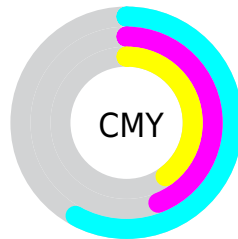


Cyan (31%)

Magenta (7%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A8E99 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 6A8E99 by changing the saturation by 10% instead.



6A8E99



6A8E99

FFFFFF



51747F



9FC4CF



385C66



BAE0EC



20444E



D6FCFF



052E37



F3FFFF



001A22



00000B



000000



6A8E99



6A8E99



5B8A99



799299

■ 4B8799

■ 899599

■ 3C8399

■ 989999

■ 2D8099

■ A79C99

■ 1E7C99

■ B7A099

■ 0E7999

■ C6A399

■ 007599

■ D5A799

■ E4AB99

■ F4AE99

Harmonies

Analogous

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



698F8E



6A8E99



748B9F

Triad

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



6A8E99



9D808F



8B8971

Complementary

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



6A8E99



99756A

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.



978571



6A8E99



A28082

Square

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



6A8E99



928399



A08278



7D8D77

Rectangle

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



6A8E99



7E89A0



A08278



908870

Sweetspot

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



6A8E99



B5C3C7



6A9975



596163



E3E3E3



636363

Same Dimension

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



6A8E99



7DB6C7



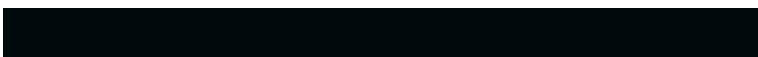
6A7799



454B4D



006B8C



000A0D

Inverse Universe

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



996A8E



C77DB6



998C6A



4D454B



8C006B



0D000A

Previews

White Background



This preview shows how the Hex color 6A8E99 looks on a white background.

Color Contrast Check

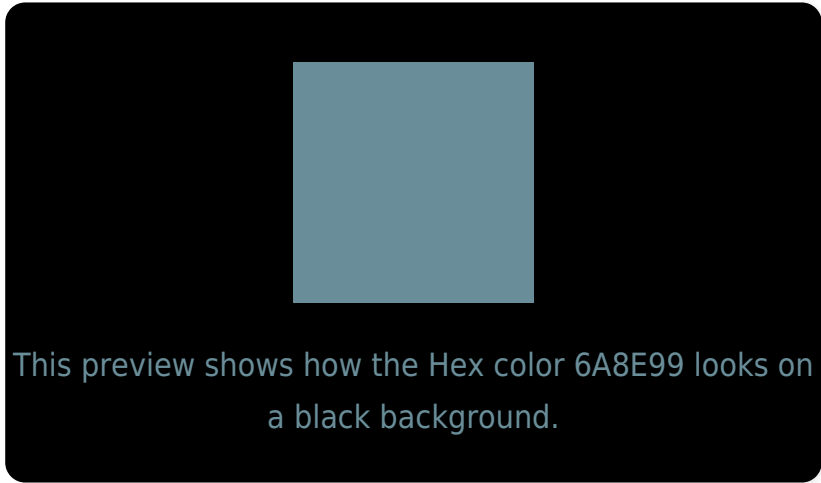
Large Text (above 18pt) WCAG AA ✓ Pass

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

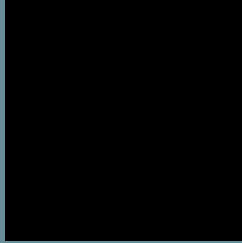
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

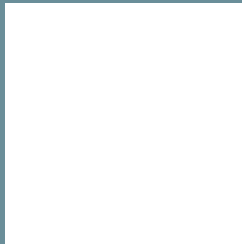
Any Text WCAG AAA × Fail

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

Hex 6A8E99 Background



This preview shows how black text looks on a background with the Hex color 6A8E99.

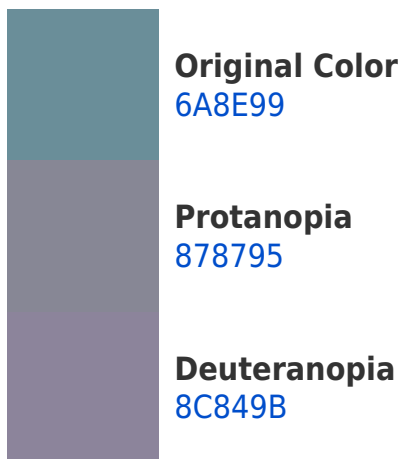


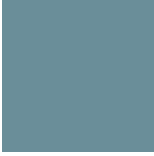
This preview shows how white text looks on a background with the Hex color 6A8E99.

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



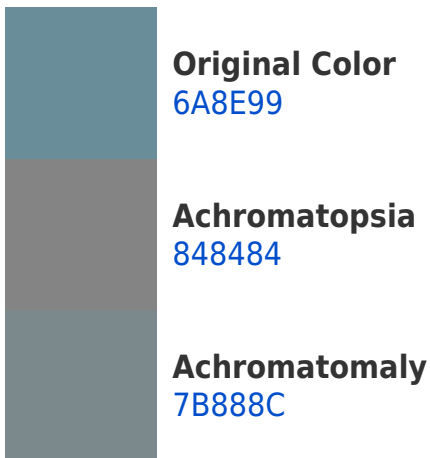


Tritanopia
6A8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8E99 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 #6A8E99 looks like.

```
.text, #text, p{  
    color:#6A8E99  
}
```

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 #6A8E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8E99
}
```

Border

The CSS property to change the border of an element to Hex 6A8E99 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
#6A8E99 }
```

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

```
.border{ border-color:#6A8E99 }
```

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

Here you see how a box with a 4 pixel #6A8E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8E99; -webkit-box-shadow:4px 4px  
4px 4px #6A8E99; box-shadow:4px 4px 4px  
4px #6A8E99 }
```

Background

The CSS property to change the background color of an element to Hex 6A8E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8E99 }
```

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

```
.background{ background-color:#6A8E99 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor