

Converting Colors

Hex(6A8AA3)

Have a look what the booklet for
Hex(6A8AA3) contains.

Hex(6A8AA3)	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(6A8AA3)

Conversions

Conversions Part 1

Format	Color
Hex	6A8AA3
RGB	106, 138, 163
RGB Percent	42%, 54%, 64%
CMY	0.5843, 0.4588, 0.3608
CMYK	0.35, 0.15, 0.00, 0.36
HSL	206°, 24%, 53%
HSV	206°, 35%, 64%
XYZ	21.6432, 23.8855, 38.1200
YIQ	131.2820, -27.0970, 0.9910

Conversions

Conversions Part 2

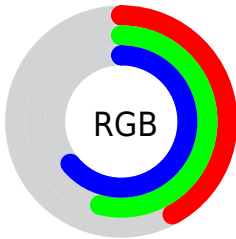
Format	Color
RYB	106, 126, 163
Decimal	6982307
CIELab	55.97, -4.90, -16.87
CIELCh	56, 17.566, 253.796
Yxy	23.8855, 0.2587, 0.2855
Android (android.graphics.Color)	4285172387 (0xFF6A8AA3)
YUV	131.2820, 15.6370, -22.1723
Hunter-Lab	48.8728, -6.4790, -12.0343

Details

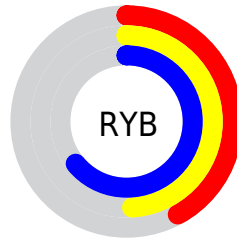
The Hex color **6A8AA3** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A3836A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **9FBFDA**, and **38586F** is the 20% darker color. If you saturate the color by 10%, you get **5A83A3**, and if you desaturate by 10%, it is **7A91A3**.

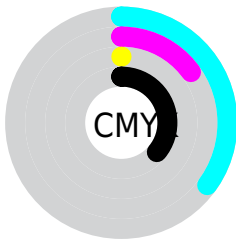
Distribution



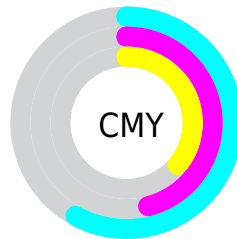
- Red (42%)
- Green (54%)
- Blue (64%)



- Red (42%)
- Yellow (49%)
- Blue (64%)



- Cyan (35%)
- Magenta (15%)
- Yellow (0%)
- Black (36%)



- Cyan (58%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A8AA3 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 6A8AA3 by changing the saturation by 10% instead.

■ 6A8AA3

■ 6A8AA3

FFFFFF

■ 517189

■ 9FBFDA

■ 38586F

■ BADBF6

■ 1E4157

■ D7F8FF

■ 012B3F

■ F3FFFF

■ 001729

■ 000115

■ 000000

■ 6A8AA3

■ 6A8AA3

■ 5A83A3

■ 7A91A3

■ 497CA3

■ 8B98A3

■ 3975A3

■ 9B9FA3

■ 296DA3

■ ABA7A3

■ 1966A3

■ BBAAE3

■ 085FA3

■ CCB5A3

■ 005CA3

■ DCBCA3

■ ECC3A3

■ FDCAA3

Harmonies

Analogous

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



5D8D9B



6A8AA3



7E85A4

Triad

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



6A8AA3



A67B80



798C70

Complementary

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



6A8AA3



A3836A

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.



8A8768



6A8AA3



A37E72

Square

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



6A8AA3



A07C8F



998269



698E7D

Rectangle

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



6A8AA3



8B829F



998269



7F8A6D

Sweetspot

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



6A8AA3



BECAD4



6AA383



5E656B



EBEBEB



6B6B6B

Same Dimension

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



6A8AA3



7BADD4



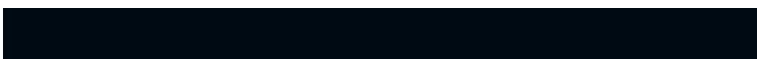
6A6EA3



494E52



005291



000A12

Inverse Universe

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



A36A8A



D47BAD



A39F6A



52494E



910052



12000A

Previews

White Background



This preview shows how the Hex color 6A8AA3 looks on a white background.

Color Contrast Check

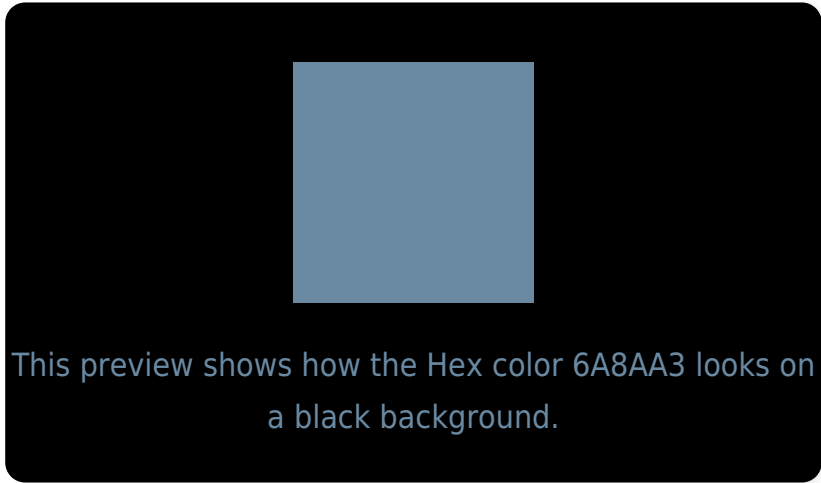
Large Text (above 18pt) WCAG AA ✓ Pass

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

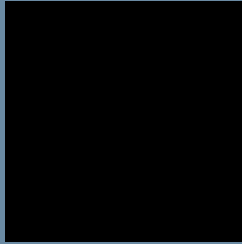
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

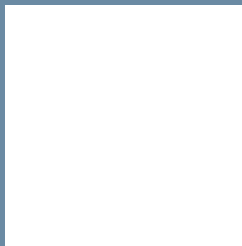
Any Text WCAG AAA × Fail

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

Hex 6A8AA3 Background



This preview shows how black text looks on a background with the Hex color 6A8AA3.

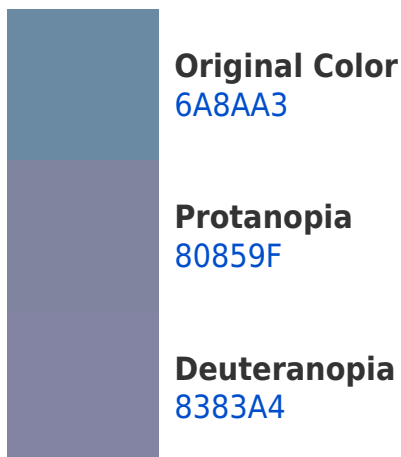


This preview shows how white text looks on a background with the Hex color 6A8AA3.

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](#).

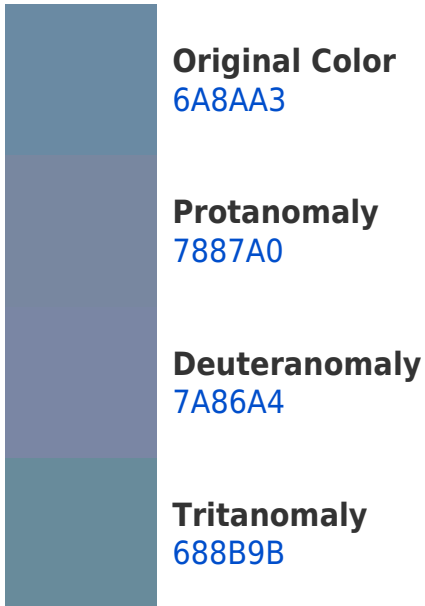
Dichromacy



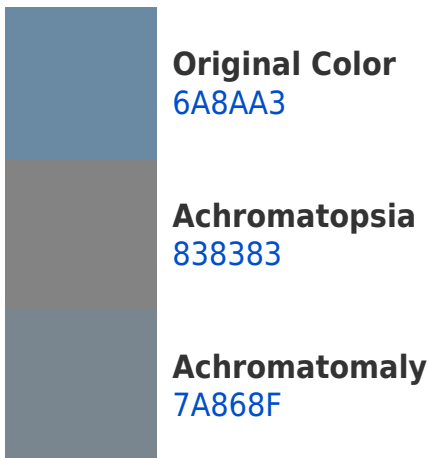


Tritanopia
678C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8AA3 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 #6A8AA3 looks like.

```
.text, #text, p{  
    color:#6A8AA3  
}
```

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 #6A8AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8AA3
}
```

Border

The CSS property to change the border of an element to Hex 6A8AA3 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
#6A8AA3 }
```

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

```
.border{ border-color:#6A8AA3 }
```

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

Here you see how a box with a 4 pixel #6A8AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8AA3; -webkit-box-shadow:4px 4px  
4px 4px #6A8AA3; box-shadow:4px 4px 4px  
4px #6A8AA3 }
```

Background

The CSS property to change the background color of an element to Hex 6A8AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8AA3 }
```

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

```
.background{ background-color:#6A8AA3 }
```

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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