

Converting Colors

Hex(68A0A3)

Have a look what the booklet for
Hex(68A0A3) contains.

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Color

Hex(68A0A3)

Conversions

Conversions Part 1

Format	Color
Hex	68A0A3
RGB	104, 160, 163
RGB Percent	41%, 63%, 64%
CMY	0.5922, 0.3725, 0.3608
CMYK	0.36, 0.02, 0.00, 0.36
HSL	183°, 24%, 52%
HSV	183°, 36%, 64%
XYZ	24.8906, 30.7290, 39.2698
YIQ	143.5980, -34.3390, -10.9390

Conversions

Conversions Part 2

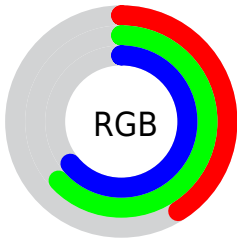
Format	Color
RYB	104, 133, 163
Decimal	6856867
CIELab	62.28, -17.51, -7.40
CIElCh	62, 19.014, 202.905
Yxy	30.7290, 0.2623, 0.3238
Android (android.graphics.Color)	4285046947 (0xFF68A0A3)
YUV	143.5980, 9.5652, -34.7274
Hunter-Lab	55.4338, -16.8599, -3.1979

Details

The Hex color **68A0A3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A36B68**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **9ED7DA**, and **346C6F** is the 20% darker color. If you saturate the color by 10%, you get **589FA3**, and if you desaturate by 10%, it is **78A1A3**.

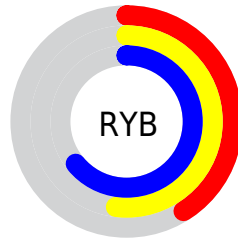
Distribution



Red (41%)

Green (63%)

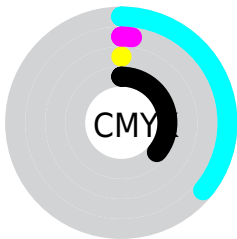
Blue (64%)



Red (41%)

Yellow (52%)

Blue (64%)

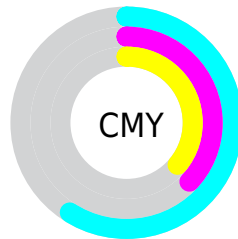


Cyan (36%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (59%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A0A3 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 68A0A3 by changing the saturation by 10% instead.



68A0A3



68A0A3

FFFFFF



4E8689



9ED7DA



346C6F



B9F3F6



185457



D6FFFF



003D40



F3FFFF



00262A



001016



000000



68A0A3



68A0A3



589FA3



78A1A3

479EA3

89A2A3

379EA3

99A2A3

279DA3

A9A3A3

169CA3

BAA4A3

069BA3

CAA5A3

009BA3

DAA6A3

EAA7A3

FBA7A3

Harmonies

Analogous

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



71A092



68A0A3



6C9EB1

Triad

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



68A0A3



A98EAB



A79475

Complementary

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



68A0A3



A36B68

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.



B48F7C



68A0A3



B68B9B

Square

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



68A0A3



9494B5



BA8B8A



969977

Rectangle

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



68A0A3



779BB6



BA8B8A



AC9277

Sweetspot

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



68A0A3



BCD2D4



68A36B



5D6A6B



EBEBEB



6B6B6B

Same Dimension

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



68A0A3



79CFD4



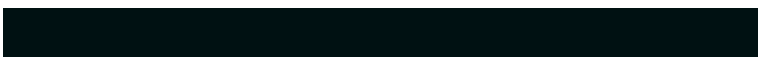
6883A3



495152



008A91



001112

Inverse Universe

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



A368A0



D479CF



A38868



524951



91008A



120011

Previews

White Background



This preview shows how the Hex color 68A0A3 looks on a white background.

Color Contrast Check

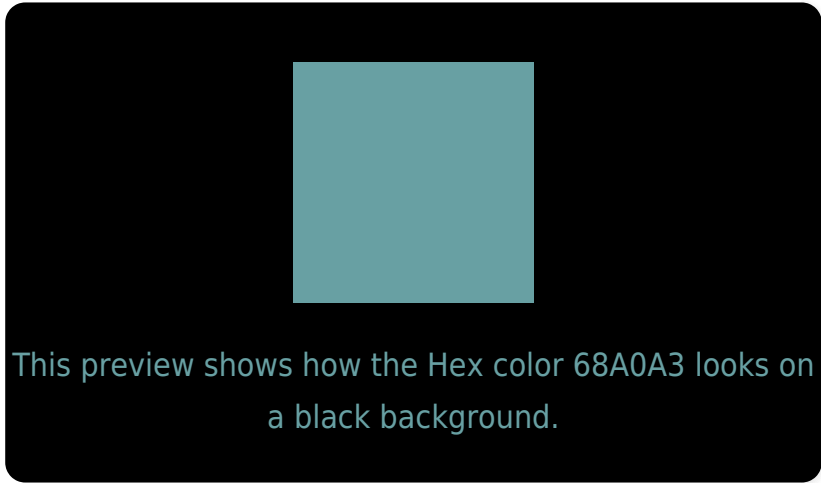
Large Text (above 18pt) WCAG AA × Fail

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

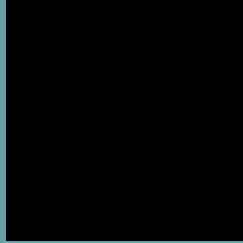
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 68A0A3 Background



This preview shows how black text looks on a background with the Hex color 68A0A3.

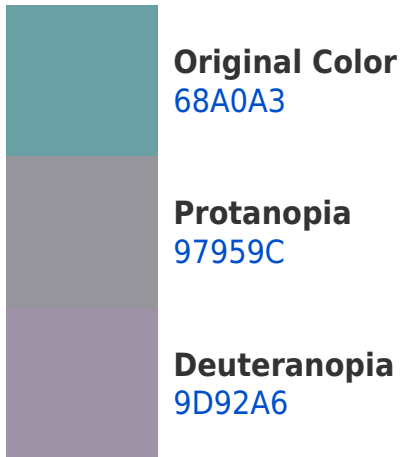


This preview shows how white text looks on a background with the Hex color 68A0A3.

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](#).

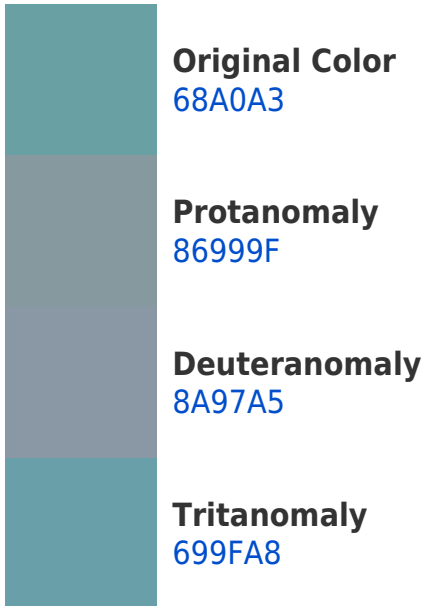
Dichromacy



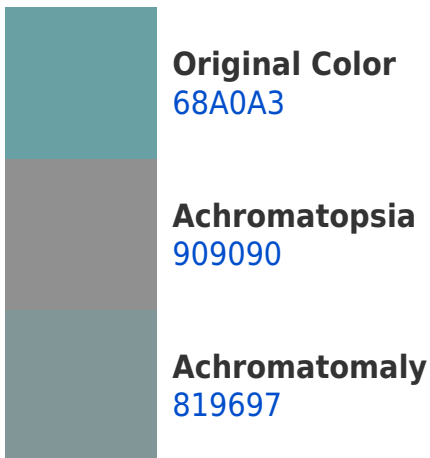


Tritanopia
6A9FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A0A3 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 #68A0A3 looks like.

```
.text, #text, p{  
    color:#68A0A3  
}
```

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 #68A0A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A0A3
}
```

Border

The CSS property to change the border of an element to Hex 68A0A3 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
#68A0A3 }
```

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

```
.border{ border-color:#68A0A3 }
```

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

Here you see how a box with a 4 pixel #68A0A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A0A3; -webkit-box-shadow:4px 4px  
4px 4px #68A0A3; box-shadow:4px 4px 4px  
4px #68A0A3 }
```

Background

The CSS property to change the background color of an element to Hex 68A0A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A0A3 }
```

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

```
.background{ background-color:#68A0A3 }
```

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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