

Converting Colors

Hex(68A0A2)

Have a look what the booklet for
Hex(68A0A2) contains.

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Color

Hex(68A0A2)

Conversions

Conversions Part 1

Format	Color
Hex	68A0A2
RGB	104, 160, 162
RGB Percent	41%, 63%, 64%
CMY	0.5922, 0.3725, 0.3647
CMYK	0.36, 0.01, 0.00, 0.36
HSL	182°, 24%, 52%
HSV	182°, 36%, 64%
XYZ	24.8013, 30.6933, 38.7997
YIQ	143.4840, -34.0180, -11.2500

Conversions

Conversions Part 2

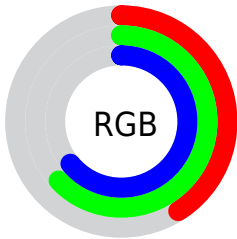
Format	Color
RYB	104, 132, 162
Decimal	6856866
CIELab	62.25, -17.77, -6.88
CIELCh	62, 19.053, 201.174
Yxy	30.6933, 0.2630, 0.3255
Android (android.graphics.Color)	4285046946 (0xFF68A0A2)
YUV	143.4840, 9.1284, -34.6275
Hunter-Lab	55.4015, -17.0445, -2.7418

Details

The Hex color **68A0A2** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A26A68**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9ED7D9**, and **346C6E** is the 20% darker color. If you saturate the color by 10%, you get **589FA2**, and if you desaturate by 10%, it is **78A1A2**.

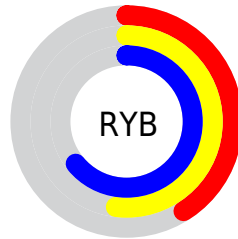
Distribution



Red (41%)

Green (63%)

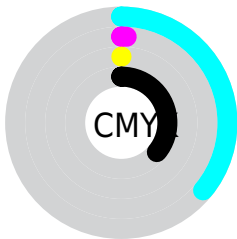
Blue (64%)



Red (41%)

Yellow (52%)

Blue (64%)

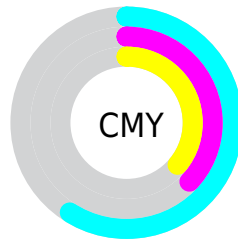


Cyan (36%)

Magenta (1%)

Yellow (0%)

Black (36%)



Cyan (59%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A0A2 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 68A0A2 by changing the saturation by 10% instead.

68A0A2

68A0A2

FFFFFF

4E8688

9ED7D9

346C6E

B9F3F5

185456

D6FFFF

003D3F

F3FFFF

002629

001015

000000

68A0A2

68A0A2

589FA2

78A1A2

■ 489FA2

■ 88A1A2

■ 379EA2

■ 99A2A2

■ 279EA2

■ A9A2A2

■ 179DA2

■ B9A3A2

■ 079DA2

■ C9A3A2

■ 009CA2

■ D9A4A2

■ EAA4A2

■ FAA5A2

Harmonies

Analogous

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



72A091



68A0A2



6C9EB0

Triad

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



68A0A2



A88EAC



A89475

Complementary

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



68A0A2



A26A68

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.



B58E7D



68A0A2



B58B9C

Square

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



68A0A2



9394B6



BA8B8B



979977

Rectangle

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



68A0A2



769BB6



BA8B8B



AD9277

Sweetspot

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



68A0A2



BCD3D4



68A26A



5D6B6B



EBEBEB



6B6B6B

Same Dimension

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



68A0A2



79D1D4



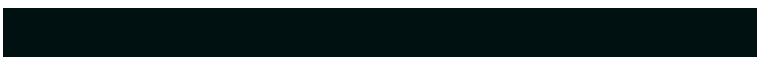
6883A2



495152



008C91



001112

Inverse Universe

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



A268A0



D479D1



A28768



524951



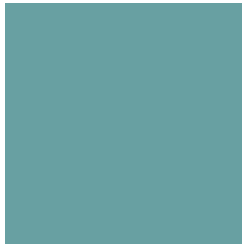
91008C



120011

Previews

White Background



This preview shows how the Hex color 68A0A2 looks on a white background.

Color Contrast Check

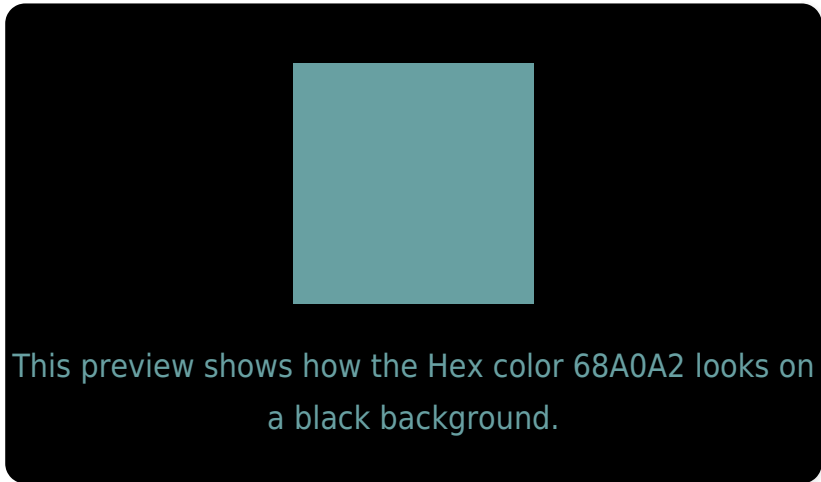
Large Text (above 18pt) WCAG AA × Fail

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

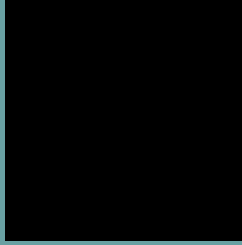
Any Text WCAG AA ✓ Pass

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 68A0A2 Background



This preview shows how black text looks on a background with the Hex color 68A0A2.

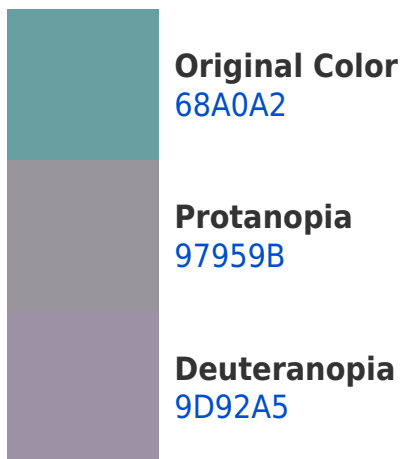


This preview shows how white text looks on a background with the Hex color 68A0A2.

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](#).

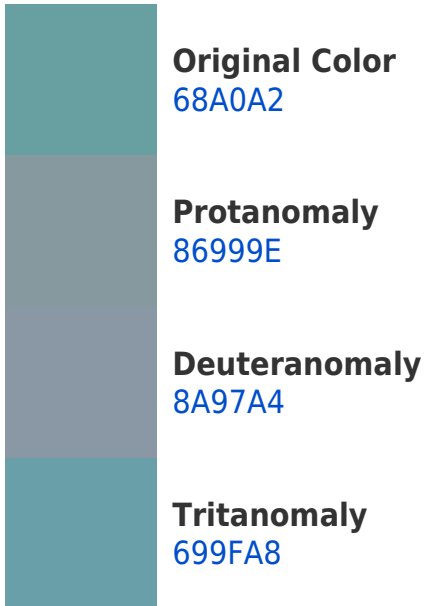
Dichromacy



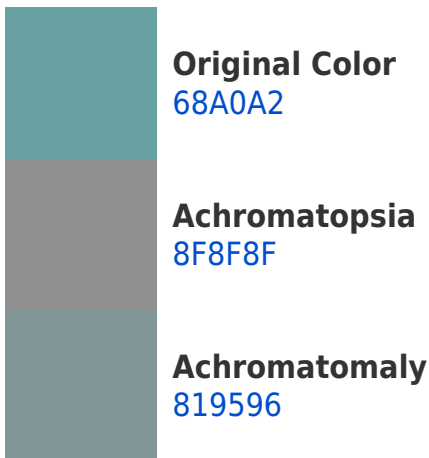


Tritanopia
6A9FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A0A2 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 #68A0A2 looks like.

```
.text, #text, p{  
    color:#68A0A2  
}
```

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 #68A0A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A0A2
}
```

Border

The CSS property to change the border of an element to Hex 68A0A2 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
#68A0A2 }
```

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

```
.border{ border-color:#68A0A2 }
```

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

Here you see how a box with a 4 pixel #68A0A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A0A2; -webkit-box-shadow:4px 4px  
4px 4px #68A0A2; box-shadow:4px 4px 4px  
4px #68A0A2 }
```

Background

The CSS property to change the background color of an element to Hex 68A0A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A0A2 }
```

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

```
.background{ background-color:#68A0A2 }
```

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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