

Converting Colors

Hex(64A7A3)

Have a look what the booklet for
Hex(64A7A3) contains.

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Color

Hex(64A7A3)

Conversions

Conversions Part 1

Format	Color
Hex	64A7A3
RGB	100, 167, 163
RGB Percent	39%, 65%, 64%
CMY	0.6078, 0.3451, 0.3608
CMYK	0.40, 0.00, 0.02, 0.35
HSL	176°, 28%, 52%
HSV	176°, 40%, 65%
XYZ	25.6851, 32.9911, 39.6645
YIQ	146.5110, -38.6480, -15.4480

Conversions

Conversions Part 2

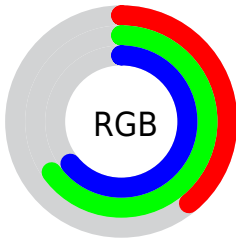
Format	Color
RYB	100, 135, 167
Decimal	6596515
CIELab	64.15, -22.23, -4.64
CIELCh	64, 22.710, 191.794
Yxy	32.9911, 0.2612, 0.3355
Android (android.graphics.Color)	4284786595 (0xFF64A7A3)
YUV	146.5110, 8.1291, -40.7901
Hunter-Lab	57.4379, -20.6946, -0.7370

Details

The Hex color **64A7A3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A76468**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9AEDDA**, and **2E736F** is the 20% darker color. If you saturate the color by 10%, you get **53A7A2**, and if you desaturate by 10%, it is **75A7A4**.

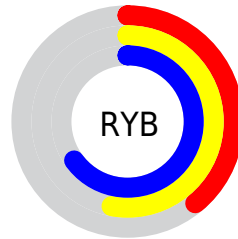
Distribution



Red (39%)

Green (65%)

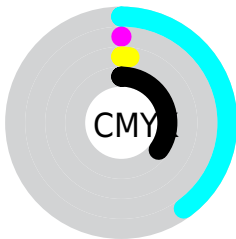
Blue (64%)



Red (39%)

Yellow (53%)

Blue (65%)

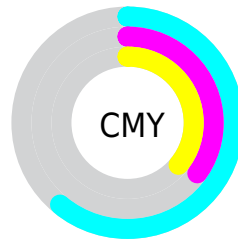


Cyan (40%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (61%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64A7A3 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 64A7A3 by changing the saturation by 10% instead.



64A7A3



64A7A3

FFFFFF



498C89



9AEDDA



2E736F



B6FBF6



0D5A57



D2FFFF



004240



EFFFFFF



002C2A



001816



000000



64A7A3



64A7A3



53A7A2



75A7A4

■ 43A7A1

■ 85A7A5

■ 32A7A0

■ 96A7A6

■ 21A79F

■ A7A7A7

■ 11A79E

■ B7A7A8

■ 00A79D

■ C8A7A9

■ D9A7AA

■ EAA7AB

■ FAA7AC

Harmonies

Analogous

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



75A68E



64A7A3



62A5B6

Triad

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



64A7A3



A994BA



B69675

Complementary

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



64A7A3



A76468

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.



C29081



64A7A3



BC8EA9

Square

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



64A7A3



8E9BC3



C58D94



A29D74

Rectangle

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



64A7A3



6BA3BF



C58D94



BB9478

Sweetspot

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



64A7A3



BFD9D7



68A764



5E6E6D



EDEDED



6E6E6E

Same Dimension

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



64A7A3



71D9D3



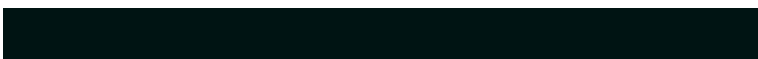
648AA7



4C5454



00948B



001413

Inverse Universe

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



A76468



D97177



A78164



544C4C



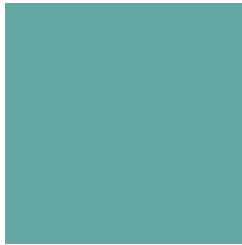
940009



140001

Previews

White Background



This preview shows how the Hex color 64A7A3 looks on a white background.

Color Contrast Check

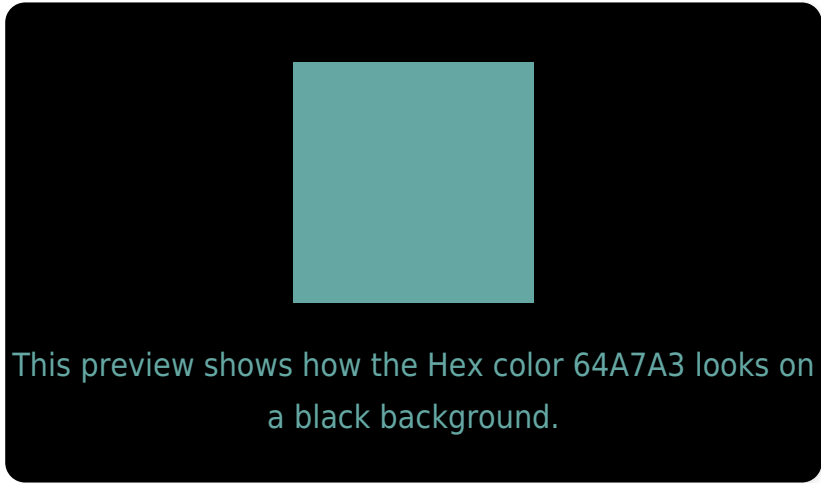
Large Text (above 18pt) WCAG AA × Fail

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

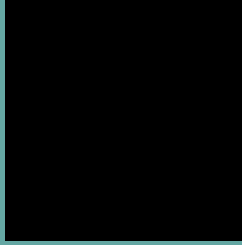
Any Text WCAG AA ✓ Pass

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 64A7A3 Background



This preview shows how black text looks on a background with the Hex color 64A7A3.

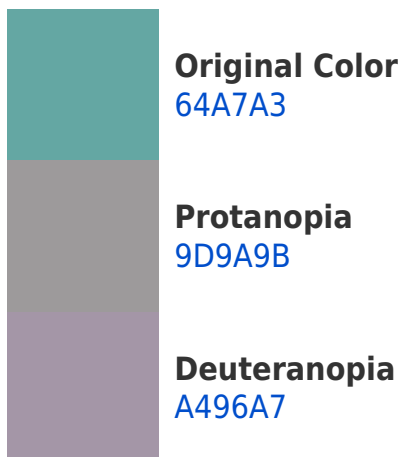


This preview shows how white text looks on a background with the Hex color 64A7A3.

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](#).

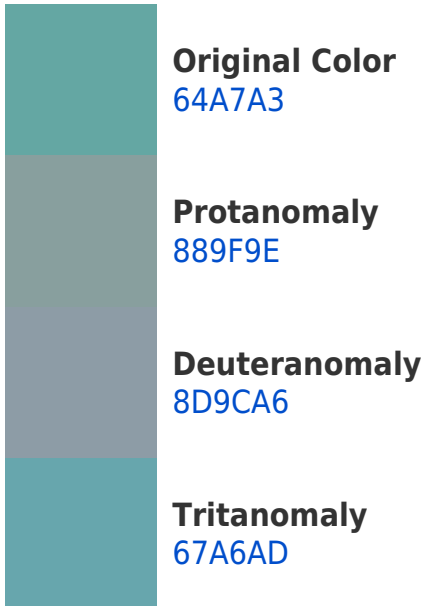
Dichromacy



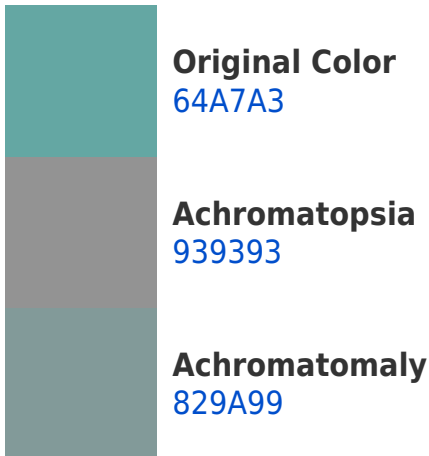


Tritanopia
68A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64A7A3 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 #64A7A3 looks like.

```
.text, #text, p{  
    color:#64A7A3  
}
```

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 #64A7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A7A3
}
```

Border

The CSS property to change the border of an element to Hex 64A7A3 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
#64A7A3 }
```

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

```
.border{ border-color:#64A7A3 }
```

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

Here you see how a box with a 4 pixel #64A7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A7A3; -webkit-box-shadow:4px 4px  
4px 4px #64A7A3; box-shadow:4px 4px 4px  
4px #64A7A3 }
```

Background

The CSS property to change the background color of an element to Hex 64A7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A7A3 }
```

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

```
.background{ background-color:#64A7A3 }
```

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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