

Converting Colors

Hex(64A5A8)

Have a look what the booklet for
Hex(64A5A8) contains.

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Color

Hex(64A5A8)

Conversions

Conversions Part 1

Format	Color
Hex	64A5A8
RGB	100, 165, 168
RGB Percent	39%, 65%, 66%
CMY	0.6078, 0.3529, 0.3412
CMYK	0.40, 0.02, 0.00, 0.34
HSL	183°, 28%, 53%
HSV	183°, 40%, 66%
XYZ	25.7785, 32.4467, 41.9500
YIQ	145.9070, -39.7030, -12.8470

Conversions

Conversions Part 2

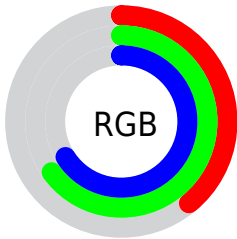
Format	Color
RYB	100, 133, 168
Decimal	6596008
CIELab	63.71, -19.93, -8.10
CIELCh	64, 21.511, 202.116
Yxy	32.4467, 0.2573, 0.3239
Android (android.graphics.Color)	4284786088 (0xFF64A5A8)
YUV	145.9070, 10.8918, -40.2604
Hunter-Lab	56.9620, -18.9022, -3.7910

Details

The Hex color **64A5A8** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A86764**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9ADCDF**, and **2E7174** is the 20% darker color. If you saturate the color by 10%, you get **53A4A8**, and if you desaturate by 10%, it is **75A6A8**.

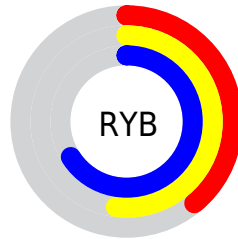
Distribution



Red (39%)

Green (65%)

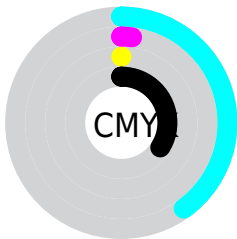
Blue (66%)



Red (39%)

Yellow (52%)

Blue (66%)

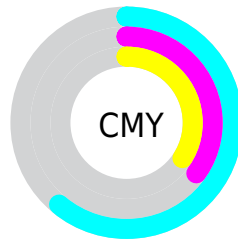


Cyan (40%)

Magenta (2%)

Yellow (0%)

Black (34%)



Cyan (61%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64A5A8 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 64A5A8 by changing the saturation by 10% instead.



64A5A8



64A5A8

FFFFFF



498B8E



9ADCDF



2E7174



B6F9FC



0D585B



D3FFFF



004144



F0FFFF



002A2E



001619



000000



64A5A8



64A5A8



53A4A8



75A6A8

42A4A8

86A6A8

32A3A8

96A7A8

21A2A8

A7A8A8

10A1A8

B8A9A8

00A1A8

C9A9A8

DAAAA8

EAABA8

FBACA8

Harmonies

Analogous

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



70A594



64A5A8



69A3B8

Triad

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



64A5A8



AE91B2



AD9775

Complementary

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



64A5A8



A86764

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.



BC917D



64A5A8



BD8DA0

Square

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



64A5A8



9797BE



C28D8D



9A9E77

Rectangle

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



64A5A8



759FBE



C28D8D



B39576

Sweetspot

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



64A5A8



C1DADB



64A866



5E6D6E



EDEDED



6E6E6E

Same Dimension

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



64A5A8



70D7DB



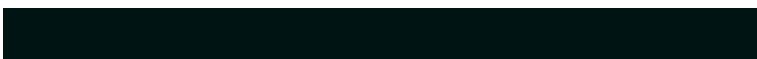
6484A8



4C5454



008D94



001414

Inverse Universe

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



A864A5



DB70D7



A88864



544C54



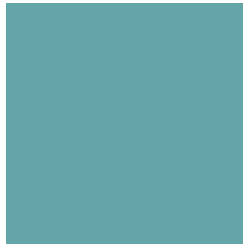
94008D



140014

Previews

White Background



This preview shows how the Hex color 64A5A8 looks on a white background.

Color Contrast Check

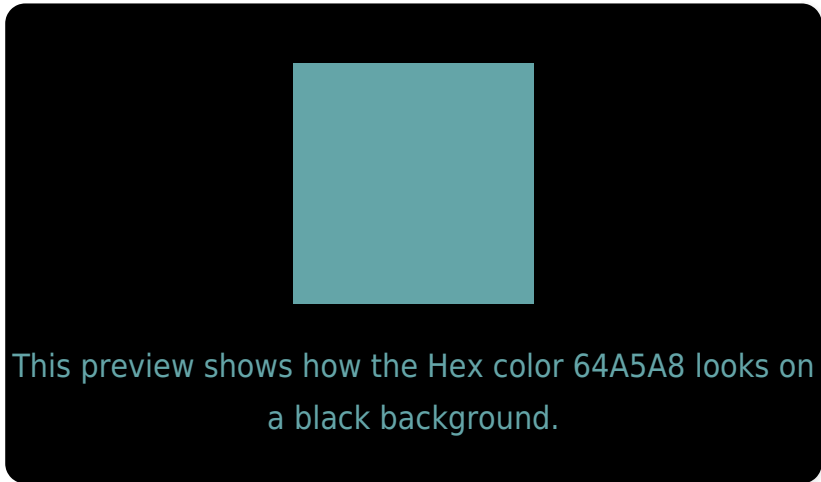
Large Text (above 18pt) WCAG AA × Fail

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

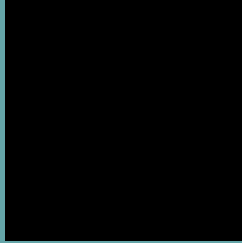
Any Text WCAG AA ✓ Pass

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 64A5A8 Background



This preview shows how black text looks on a background with the Hex color 64A5A8.

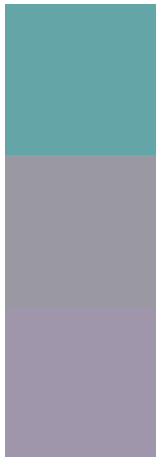


This preview shows how white text looks on a background with the Hex color 64A5A8.

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](#).

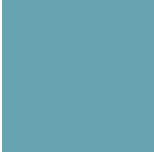
Dichromacy



Original Color
64A5A8

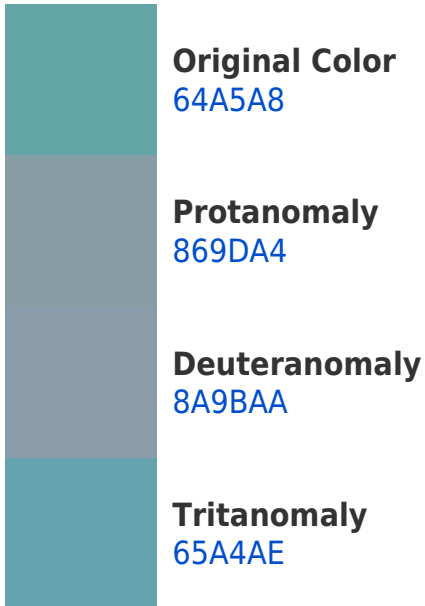
Protanopia
9A99A1

Deuteranopia
A096AB

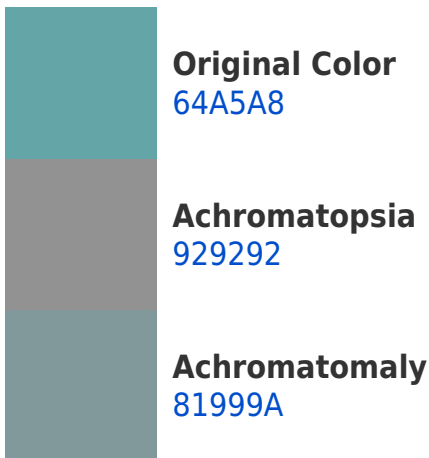


Tritanopia
66A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64A5A8 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 #64A5A8 looks like.

```
.text, #text, p{  
    color:#64A5A8  
}
```

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 #64A5A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A5A8
}
```

Border

The CSS property to change the border of an element to Hex 64A5A8 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
#64A5A8 }
```

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

```
.border{ border-color:#64A5A8 }
```

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

Here you see how a box with a 4 pixel #64A5A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A5A8; -webkit-box-shadow:4px 4px  
4px 4px #64A5A8; box-shadow:4px 4px 4px  
4px #64A5A8 }
```

Background

The CSS property to change the background color of an element to Hex 64A5A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A5A8 }
```

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

```
.background{ background-color:#64A5A8 }
```

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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