

Converting Colors

Hex(63A8A8)

Have a look what the booklet for
Hex(63A8A8) contains.

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Color

Hex(63A8A8)

Conversions

Conversions Part 1

Format	Color
Hex	63A8A8
RGB	99, 168, 168
RGB Percent	39%, 66%, 66%
CMY	0.6118, 0.3412, 0.3412
CMYK	0.41, 0.00, 0.00, 0.34
HSL	180°, 28%, 52%
HSV	180°, 41%, 66%
XYZ	26.2161, 33.4851, 42.1273
YIQ	147.3690, -41.1240, -14.6280

Conversions

Conversions Part 2

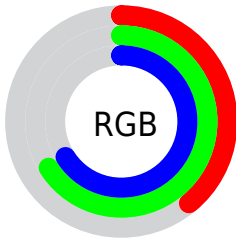
Format	Color
R_{YB}	99, 134, 168
Decimal	6531240
CIE _{Lab}	64.55, -21.73, -6.85
CIE _{LCh}	65, 22.789, 197.500
Yxy	33.4851, 0.2575, 0.3288
Android (android.graphics.Color)	4284721320 (0xFF63A8A8)
YUV	147.3690, 10.1711, -42.4196
Hunter-Lab	57.8663, -20.3972, -2.6574

Details

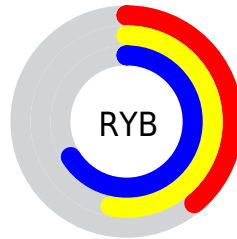
The Hex color **63A8A8** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A86363**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **99DFDF**, and **2C7474** is the 20% darker color. If you saturate the color by 10%, you get **52A8A8**, and if you desaturate by 10%, it is **74A8A8**.

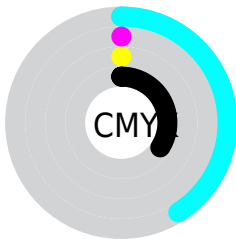
Distribution



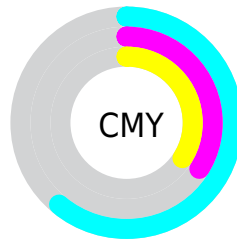
- Red (39%)
- Green (66%)
- Blue (66%)



- Red (39%)
- Yellow (53%)
- Blue (66%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (34%)



- Cyan (61%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63A8A8 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 63A8A8 by changing the saturation by 10% instead.

63A8A8

63A8A8

FFFFFF

488D8E

99DFDF

2C7474

B5FCFC

085B5C

D2FFFF

004344

FFFFFF

002C2E

001919

000000

63A8A8

63A8A8

52A8A8

74A8A8

 41A8A8

 85A8A8

 31A8A8

 95A8A8

 20A8A8

 A6A8A8

 0FA8A8

 B7A8A8

 00A8A8

 C8A8A8

 D9A8A8

 E9A8A8

 FAA8A8

Harmonies

Analogous

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



72A793



63A8A8



65A6BA

Triad

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



63A8A8



AE93B8



B39875

Complementary

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



63A8A8



A86363

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.



C2927F



63A8A8



C08FA6

Square

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



63A8A8



949AC3



C68E91



9F9F76

Rectangle

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



63A8A8



70A3C2



C68E91



B99677

Sweetspot

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



63A8A8



C1DBDB



63A863



5E6E6E



EDEDED



6E6E6E

Same Dimension

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



63A8A8



70DBDB



6385A8



4C5454



009494



001414

Inverse Universe

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



A863A8



DB70DB



A88563



544C54



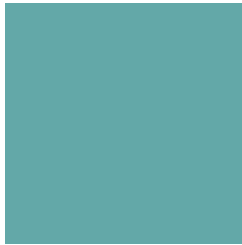
940094



140014

Previews

White Background



This preview shows how the Hex color 63A8A8 looks on a white background.

Color Contrast Check

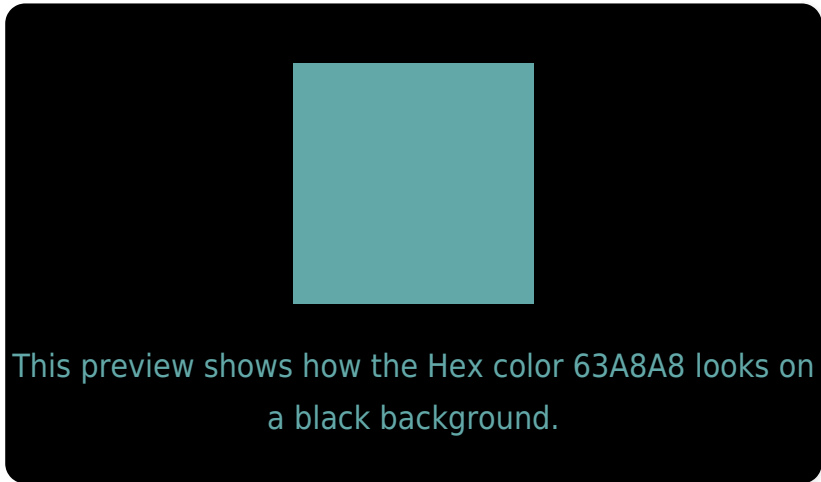
Large Text (above 18pt) WCAG AA × Fail

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

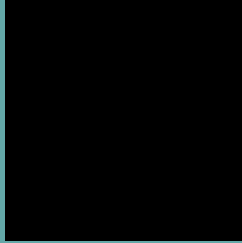
Any Text WCAG AA ✓ Pass

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 63A8A8 Background



This preview shows how black text looks on a background with the Hex color 63A8A8.

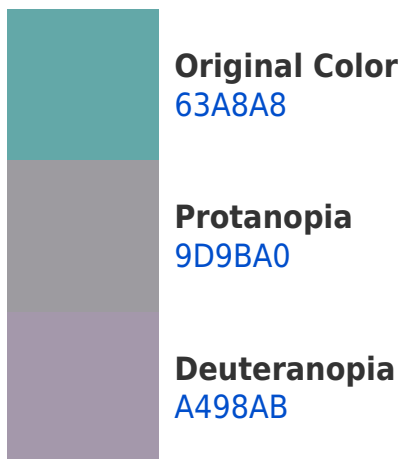


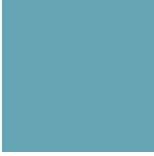
This preview shows how white text looks on a background with the Hex color 63A8A8.

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](#).

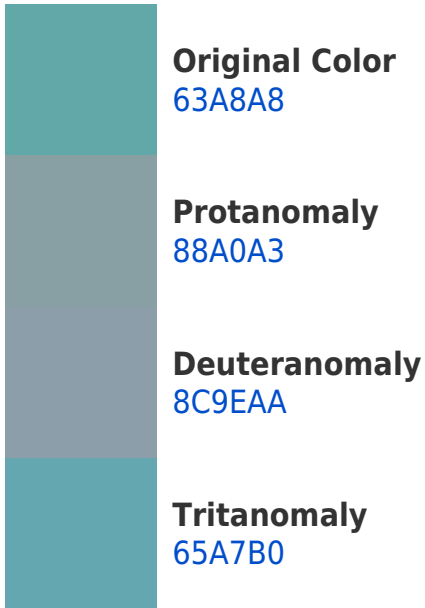
Dichromacy



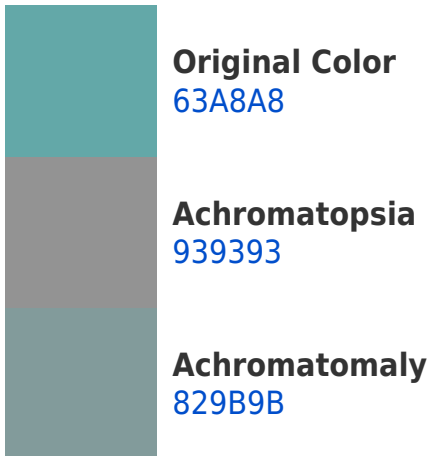


Tritanopia
66A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63A8A8 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 #63A8A8 looks like.

```
.text, #text, p{  
    color:#63A8A8  
}
```

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 #63A8A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A8A8
}
```

Border

The CSS property to change the border of an element to Hex 63A8A8 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
#63A8A8 }
```

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

```
.border{ border-color:#63A8A8 }
```

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

Here you see how a box with a 4 pixel #63A8A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A8A8; -webkit-box-shadow:4px 4px  
4px 4px #63A8A8; box-shadow:4px 4px 4px  
4px #63A8A8 }
```

Background

The CSS property to change the background color of an element to Hex 63A8A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A8A8 }
```

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

```
.background{ background-color:#63A8A8 }
```

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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