

Converting Colors

Hex(64968A)

Have a look what the booklet for
Hex(64968A) contains.

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Color

Hex(64968A)

Conversions

Conversions Part 1

Format	Color
Hex	64968A
RGB	100, 150, 138
RGB Percent	39%, 59%, 54%
CMY	0.6078, 0.4118, 0.4588
CMYK	0.33, 0.00, 0.08, 0.41
HSL	166°, 20%, 49%
HSV	166°, 33%, 59%
XYZ	20.7493, 26.3570, 28.0386
YIQ	133.6820, -25.9480, -14.3320

Conversions

Conversions Part 2

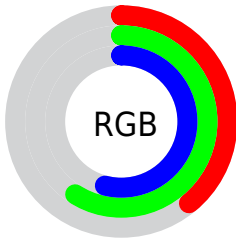
Format	Color
RYB	100, 128, 150
Decimal	6592138
CIELab	58.37, -19.52, 0.99
CIELCh	58, 19.541, 177.095
Yxy	26.3570, 0.2761, 0.3507
Android (android.graphics.Color)	4284782218 (0xFF64968A)
YUV	133.6820, 2.1288, -29.5391
Hunter-Lab	51.3391, -17.7004, 3.5564

Details

The Hex color **64968A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **966470**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **99CCBF**, and **326358** is the 20% darker color. If you saturate the color by 10%, you get **559686**, and if you desaturate by 10%, it is **73968E**.

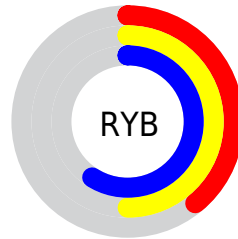
Distribution



Red (39%)

Green (59%)

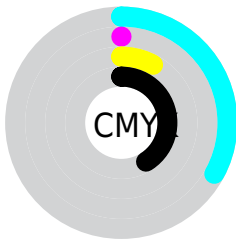
Blue (54%)



Red (39%)

Yellow (50%)

Blue (59%)

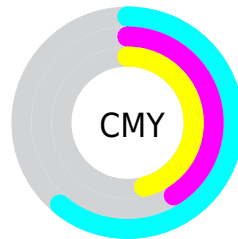


Cyan (33%)

Magenta (0%)

Yellow (8%)

Black (41%)



Cyan (61%)

Magenta (41%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64968A 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 64968A by changing the saturation by 10% instead.

■ 64968A

■ 64968A

FFFFFF

■ 4B7C71

■ 99CCBF

■ 326358

■ B4E9DB

■ 194B41

■ D0FFF8

■ 00342B

■ ECFFFF

■ 001F16

■ 000000

■ 64968A

■ 64968A

■ 559686

■ 73968E

■ 469683

■ 829691

37967F

919695

28967C

A09698

199678

AF969C

0A9674

BE96A0

009672

CD96A3

DC96A7

EB96AA

Harmonies

Analogous

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



759479



64968A



5C969B

Triad

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



64968A



8D89AB



A98570

Complementary

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



64968A



966470

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.



AF817E



64968A



A1839F

Square

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



64968A



768EAE



AD808F



9B8B6A

Rectangle

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



64968A



5F94A5



AD808F



AC8374

Sweetspot

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



64968A



AEC2BD



719664



55615E



E0E0E0



616161

Same Dimension

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



64968A



74C2AF



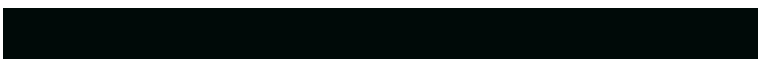
648A96



434A48



008A69



000A08

Inverse Universe

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



966470



C27487



967164



4A4344



8A0021



0A0002

Previews

White Background



This preview shows how the Hex color 64968A looks on a white background.

Color Contrast Check

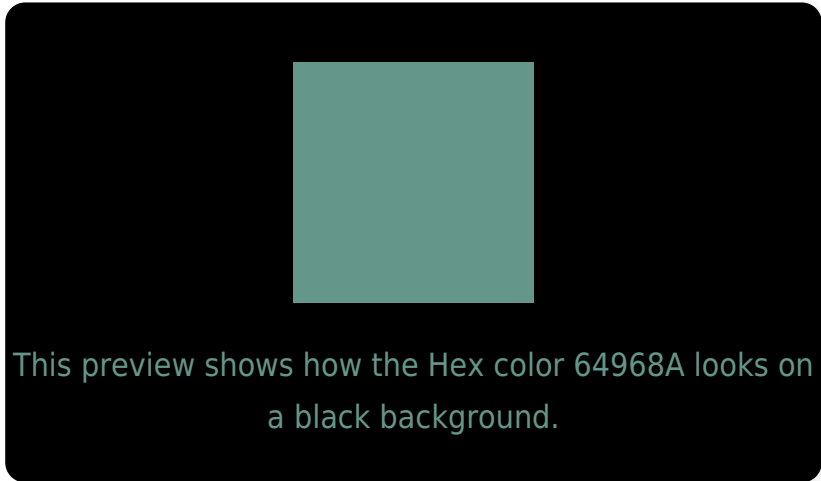
Large Text (above 18pt) WCAG AA ✓ Pass

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

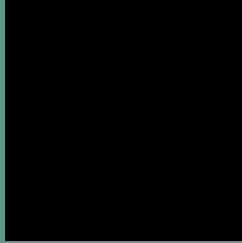
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 64968A Background



This preview shows how black text looks on a background with the Hex color 64968A.

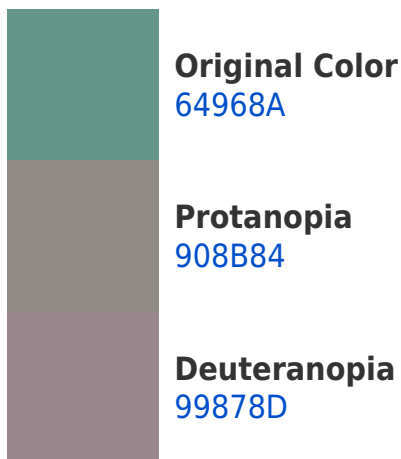


This preview shows how white text looks on a background with the Hex color 64968A.

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



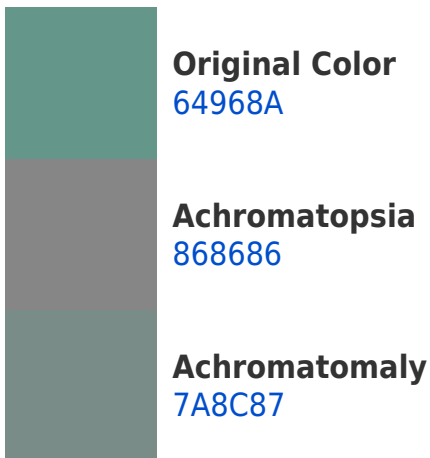


Tritanopia
69939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64968A 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 #64968A looks like.

```
.text, #text, p{  
    color:#64968A  
}
```

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 #64968A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64968A
}
```

Border

The CSS property to change the border of an element to Hex 64968A 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
#64968A }
```

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

```
.border{ border-color:#64968A }
```

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

Here you see how a box with a 4 pixel #64968A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64968A; -webkit-box-shadow:4px 4px  
4px 4px #64968A; box-shadow:4px 4px 4px  
4px #64968A }
```

Background

The CSS property to change the background color of an element to Hex 64968A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64968A }
```

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

```
.background{ background-color:#64968A }
```

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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