

# Converting Colors

Hex(64948E)

Have a look what the booklet for  
Hex(64948E) contains.

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# Color

Hex(64948E)

# Conversions

## Conversions Part 1

Format	Color
Hex	64948E
RGB	100, 148, 142
RGB Percent	39%, 58%, 56%
CMY	0.6078, 0.4196, 0.4431
CMYK	0.32, 0.00, 0.04, 0.42
HSL	172°, 19%, 49%
HSV	172°, 32%, 58%
XYZ	20.7279, 25.8421, 29.4867
YIQ	132.9640, -26.6820, -12.0420

# Conversions

## Conversions Part 2

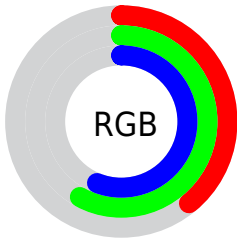
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 126, 148
Decimal	6591630
CIELab	57.89, -17.52, -2.00
CIELCh	58, 17.632, 186.527
Yxy	25.8421, 0.2725, 0.3398
Android (android.graphics.Color)	4284781710 (0xFF64948E)
YUV	132.9640, 4.4547, -28.9094
Hunter-Lab	50.8352, -16.1785, 1.1937

# Details

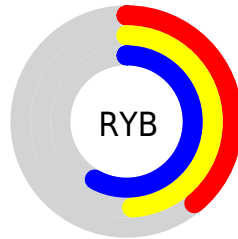
The Hex color **64948E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **94646A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **99CAC4**, and **32615C** is the 20% darker color. If you saturate the color by 10%, you get **55948C**, and if you desaturate by 10%, it is **739490**.

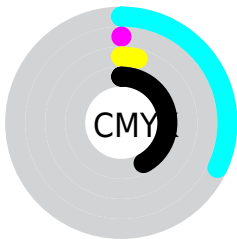
# Distribution



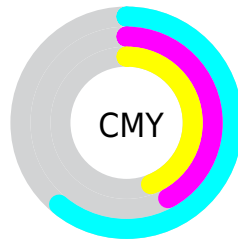
- Red (39%)
- Green (58%)
- Blue (56%)



- Red (39%)
- Yellow (49%)
- Blue (58%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (42%)



- Cyan (61%)
- Magenta (42%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64948E 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 64948E by changing the saturation by 10% instead.



64948E

64948E

FFFFFF

4B7A74

99CAC4

32615C

B4E6E0

194944

D0FFFC

00322E

ECFFFF

001E1A

000000

64948E

64948E

55948C

739490

46948A

829492

■ 389488

■ 909494

■ 299487

■ 9F9495

■ 1A9485

■ AE9497

■ 0B9483

■ BD9499

■ 009482

■ CC949B

■ DA949D

■ E9949F

# Harmonies

## Analogous

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



71937E



64948E



61939D

# Triad

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



64948E



9286A4



A2866F

# Complementary

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



64948E



94646A

# 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.



AA8279



64948E



A28298

# Square

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



64948E



7E8BA9



AA8088



938B6D

# Rectangle

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



64948E



6691A4



AA8088



A58472



# Sweetspot

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



64948E



ACBFBD



6A9464



55615F



E0E0E0



616161



# Same Dimension

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



64948E



75BFB6



648294



434A49



008A78



000A09



# Inverse Universe

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



94646A



BF757E



947664



4A4343



8A0011



0A0001



# Previews

## White Background



This preview shows how the Hex color 64948E looks on a white background.

## Color Contrast Check

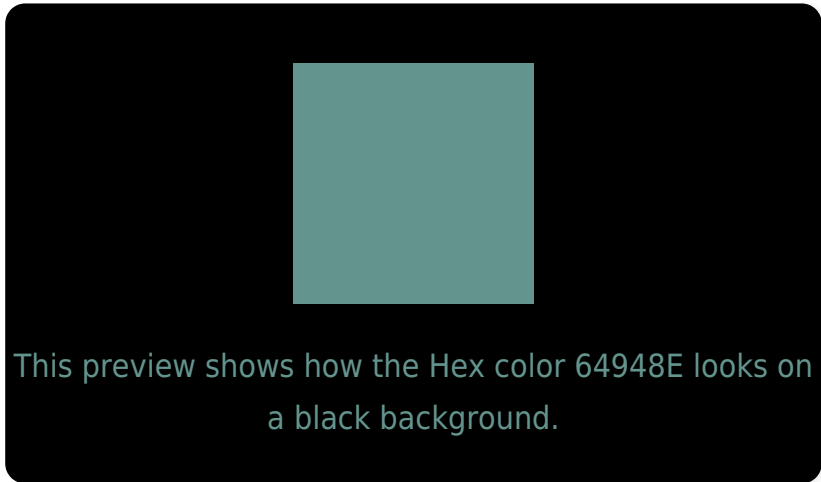
Large Text (above 18pt) WCAG AA ✓ Pass

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

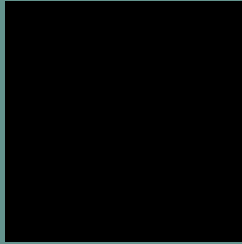
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 64948E Background



This preview shows how black text looks on a background with the Hex color 64948E.

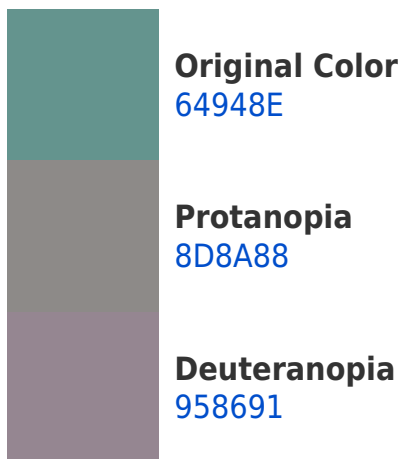



This preview shows how white text looks on a background with the Hex color 64948E.

# 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](#).

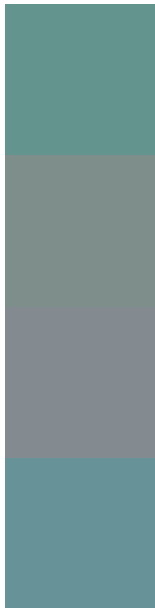
## Dichromacy





**Tritanopia**  
68929D

# Trichromacy



**Original Color**  
64948E

**Protanomaly**  
7E8E8A

**Deuteranomaly**  
838B90

**Tritanomaly**  
679398

# Monochromacy



**Original Color**  
64948E

**Achromatopsia**  
858585

**Achromatomaly**  
798A88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64948E 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 #64948E looks like.

```
.text, #text, p{  
    color:#64948E  
}
```

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 #64948E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64948E
}
```

## Border

The CSS property to change the border of an element to Hex 64948E 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
#64948E }
```

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

```
.border{ border-color:#64948E }
```

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

Here you see how a box with a 4 pixel #64948E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64948E; -webkit-box-shadow:4px 4px  
4px 4px #64948E; box-shadow:4px 4px 4px  
4px #64948E }
```

# Background

The CSS property to change the background color of an element to Hex 64948E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64948E }
```

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

```
.background{ background-color:#64948E }
```

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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