

Converting Colors

Hex(648987)

Have a look what the booklet for
Hex(648987) contains.

Hex(648987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(648987)

Conversions

Conversions Part 1

Format	Color
Hex	648987
RGB	100, 137, 135
RGB Percent	39%, 54%, 53%
CMY	0.6078, 0.4627, 0.4706
CMYK	0.27, 0.00, 0.01, 0.46
HSL	177°, 16%, 46%
HSV	177°, 27%, 54%
XYZ	18.5744, 22.3499, 26.2567
YIQ	125.7090, -21.4100, -8.4660

Conversions

Conversions Part 2

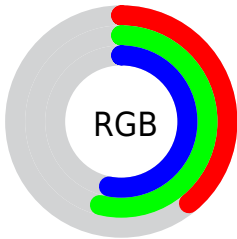
Format	Color
RYB	100, 119, 137
Decimal	6588807
CIELab	54.40, -13.28, -3.11
CIElCh	54, 13.639, 193.197
Yxy	22.3499, 0.2765, 0.3327
Android (android.graphics.Color)	4284778887 (0xFF648987)
YUV	125.7090, 4.5805, -22.5468
Hunter-Lab	47.2757, -12.6008, 0.1636

Details

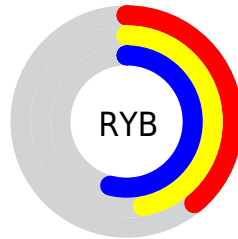
The Hex color **648987** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **896466**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **98BEBC**, and **335755** is the 20% darker color. If you saturate the color by 10%, you get **568986**, and if you desaturate by 10%, it is **728988**.

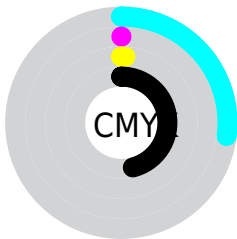
Distribution



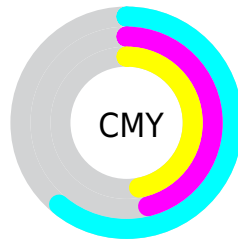
- Red (39%)
- Green (54%)
- Blue (53%)



- Red (39%)
- Yellow (47%)
- Blue (54%)



- Cyan (27%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (61%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648987 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 648987 by changing the saturation by 10% instead.



648987



648987

FFFFFF



4B706E



98BEBE



335755



B3DAD8



1C403E



CFF7F4



032A28



EBFFFF



001614



000000



648987



648987



568986



728988



498986



7F8988

■ 3B8985

■ 8D8989

■ 2D8984

■ 9B898A

■ 1F8983

■ A9898B

■ 128983

■ B6898B

■ 048982

■ C4898C

■ 008982

■ D2898D

■ DF898E

Harmonies

Analogous

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



6C887B



648987



648892

Triad

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



648987



8B7D93



927F6C

Complementary

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



648987



896466

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.



997C72



648987



967B89

Square

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



648987



7C8199



9B7A7D



86836B

Rectangle

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



648987



698697



9B7A7D



957E6D

Sweetspot

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



648987



A4B3B2



668964



505959



D9D9D9



595959

Same Dimension

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



648987



79B3AF



647989



3E4544



00857D



000505

Inverse Universe

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



896466



B3797C



897464



453E3E



850007



050000

Previews

White Background



This preview shows how the Hex color 648987 looks on a white background.

Color Contrast Check

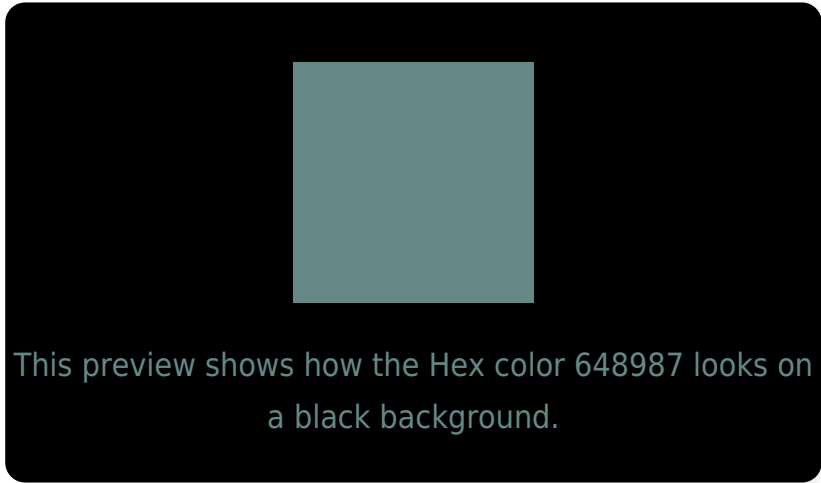
Large Text (above 18pt) WCAG AA ✓ Pass

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

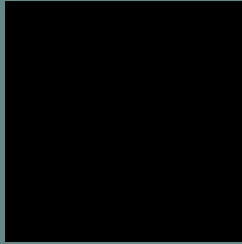
Any Text WCAG AA ✓ Pass

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 648987 Background



This preview shows how black text looks on a background with the Hex color 648987.

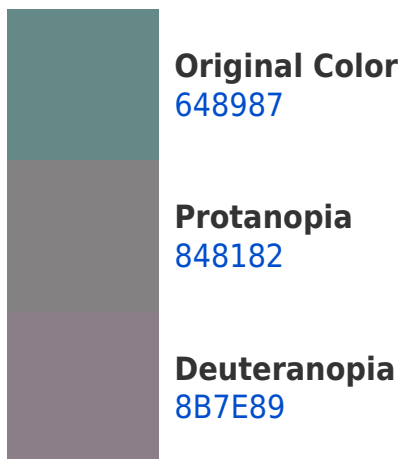


This preview shows how white text looks on a background with the Hex color 648987.

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](#).

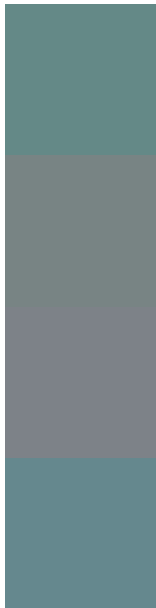
Dichromacy





Tritanopia
668792

Trichromacy



Original Color
648987

Protanomaly
788484

Deuteranomaly
7D8288

Tritanomaly
65888E

Monochromacy



Original Color
648987

Achromatopsia
7E7E7E

Achromatomaly
758281

CSS Examples

Text

The CSS property to change the color of the text to Hex 648987 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 #648987 looks like.

```
.text, #text, p{  
  color:#648987  
}
```

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 #648987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648987
}
```

Border

The CSS property to change the border of an element to Hex 648987 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
#648987 }
```

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

```
.border{ border-color:#648987 }
```

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

Here you see how a box with a 4 pixel #648987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648987; -webkit-box-shadow:4px 4px  
4px 4px #648987; box-shadow:4px 4px 4px  
4px #648987 }
```

Background

The CSS property to change the background color of an element to Hex 648987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648987 }
```

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

```
.background{ background-color:#648987 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor