

Converting Colors

Hex(748687)

Have a look what the booklet for
Hex(748687) contains.

Hex(748687)	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(748687)

Conversions

Conversions Part 1

Format	Color
Hex	748687
RGB	116, 134, 135
RGB Percent	45%, 53%, 53%
CMY	0.5451, 0.4745, 0.4706
CMYK	0.14, 0.01, 0.00, 0.47
HSL	183°, 8%, 49%
HSV	183°, 14%, 53%
XYZ	20.1007, 22.5125, 26.2076
YIQ	128.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

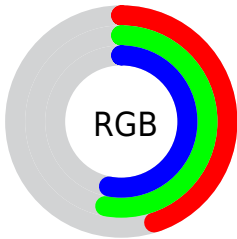
Format	Color
R_{YB}	116, 125, 135
Decimal	7636615
CIE _{Lab}	54.57, -6.27, -2.74
CIE _{LCh}	55, 6.846, 203.617
Yxy	22.5125, 0.2921, 0.3271
Android (android.graphics.Color)	4285826695 (0xFF748687)
YUV	128.7320, 3.0901, -11.1660
Hunter-Lab	47.4473, -7.4125, 0.4642

Details

The Hex color `748687` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `877574`, and the grayscale version is `818181`.

A 20% lighter version of the original color is `A8BBBC`, and `445455` is the 20% darker color. If you saturate the color by 10%, you get `678587`, and if you desaturate by 10%, it is `828787`.

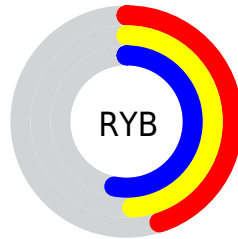
Distribution



Red (45%)

Green (53%)

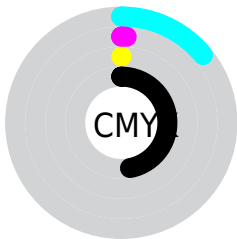
Blue (53%)



Red (45%)

Yellow (49%)

Blue (53%)

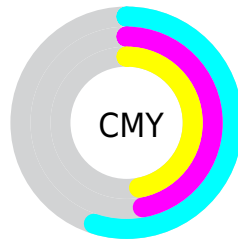


Cyan (14%)

Magenta (1%)

Yellow (0%)

Black (47%)



Cyan (55%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 748687 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 748687 by changing the saturation by 10% instead.

■ 748687

■ 748687

FFFFFF

■ 5B6D6E

■ A8BBBC

■ 445455

■ C3D7D8

■ 2D3D3E

■ DFF3F4

■ 182728

■ FCFFFF

■ 001314

■ 000000

■ 748687

■ 748687

■ 678587

■ 828787

■ 598587

■ 8F8787

4C8487

9C8887

3E8387

AA8987

318287

B88A87

238287

C58A87

158187

D38B87

088087

E08C87

008087

ED8C87

Harmonies

Analogous

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



768681



748687



76858C

Triad

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



748687



89808A



898277

Complementary

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



748687



877574

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.



8E8079



748687



8E7F84

Square

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



748687



82818D



907F7E



828478

Rectangle

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



748687



79848E



907F7E



8B8177

Sweetspot

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



748687



A9B0B0



748775



555959



D9D9D9



595959

Same Dimension

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



748687



92AE80



747D87



3C4242



007B82



000203

Inverse Universe

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



877486



B092AE



877E74



423C42



82007B



030002

Previews

White Background



This preview shows how the Hex color 748687 looks on a white background.

Color Contrast Check

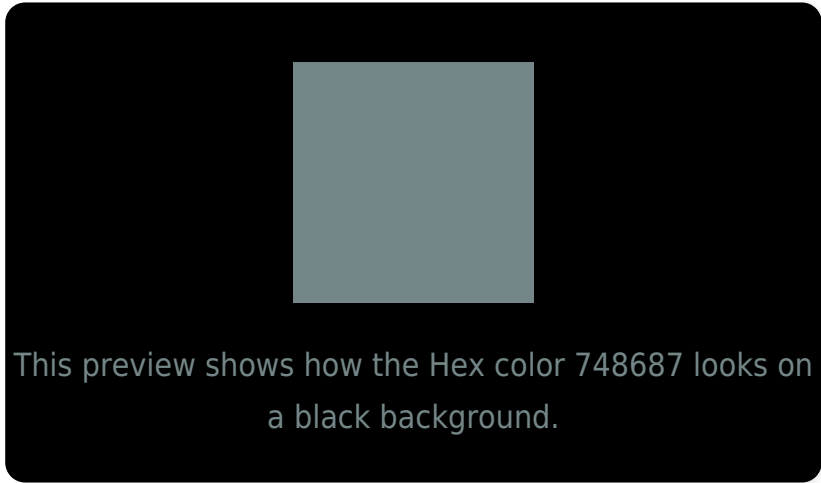
Large Text (above 18pt) WCAG AA ✓ Pass

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

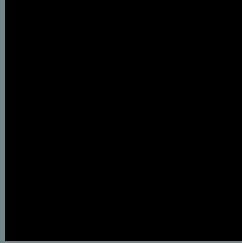
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

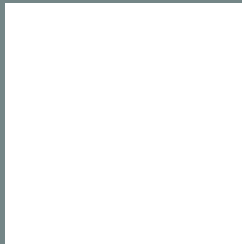
Any Text WCAG AAA × Fail

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

Hex 748687 Background



This preview shows how black text looks on a background with the Hex color 748687.



This preview shows how white text looks on a background with the Hex color 748687.

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](#).

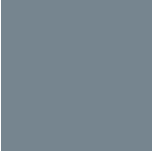
Dichromacy



Original Color
748687

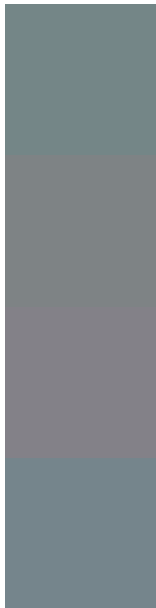
Protanopia
848284

Deuteranopia
8C7E89



Tritanopia
76858F

Trichromacy



Original Color

748687

Protanomaly

7E8385

Deuteranomaly

838188

Tritanomaly

75858C

Monochromacy



Original Color

748687

Achromatopsia

818181

Achromatomaly

7C8383

CSS Examples

Text

The CSS property to change the color of the text to Hex 748687 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 #748687 looks like.

```
.text, #text, p{  
    color:#748687  
}
```

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 #748687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748687
}
```

Border

The CSS property to change the border of an element to Hex 748687 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
#748687 }
```

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

```
.border{ border-color:#748687 }
```

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

Here you see how a box with a 4 pixel #748687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748687; -webkit-box-shadow:4px 4px  
4px 4px #748687; box-shadow:4px 4px 4px  
4px #748687 }
```

Background

The CSS property to change the background color of an element to Hex 748687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748687 }
```

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

```
.background{ background-color:#748687 }
```

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