

Converting Colors

Hex(788678)

Have a look what the booklet for
Hex(788678) contains.

Hex(788678)	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(788678)

Conversions

Conversions Part 1

Format	Color
Hex	788678
RGB	120, 134, 120
RGB Percent	47%, 53%, 47%
CMY	0.5294, 0.4745, 0.5294
CMYK	0.10, 0.00, 0.10, 0.47
HSL	120°, 6%, 50%
HSV	120°, 10%, 53%
XYZ	19.6610, 22.3993, 21.0566
YIQ	128.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

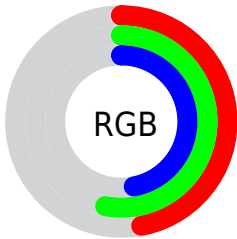
Format	Color
R_{YB}	120, 134, 134
Decimal	7898744
CIE _{Lab}	54.45, -7.95, 5.81
CIE _{LCh}	54, 9.844, 143.865
Yxy	22.3993, 0.3115, 0.3549
Android (android.graphics.Color)	4286088824 (0xFF788678)
YUV	128.2180, -4.0515, -7.2072
Hunter-Lab	47.3279, -8.6713, 6.7510

Details

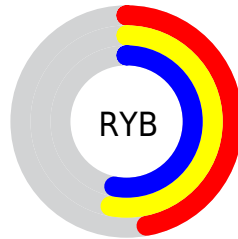
The Hex color **788678** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **867886**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **ACBBAC**, and **475448** is the 20% darker color. If you saturate the color by 10%, you get **6B866B**, and if you desaturate by 10%, it is **858685**.

Distribution



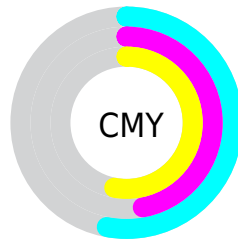
- Red (47%)
- Green (53%)
- Blue (47%)



- Red (47%)
- Yellow (53%)
- Blue (53%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 788678 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 788678 by changing the saturation by 10% instead.

 788678

 788678

FFFFFF

 5F6D5F

 ACBBAC

 475448

 C8D7C8

 313D31

 E4F3E4

 1C271C

 021302

 000000

 788678

 788678

 6B866B

 858685

 5D865D

 938693

■ 508650

■ A086A0

■ 428642

■ AE86AE

■ 358635

■ BB86BB

■ 288628

■ C886C8

■ 1A861A

■ D686D6

■ 0D860D

■ E386E3

■ 008600

■ F186F1

Harmonies

Analogous

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



828473



788678



708780

Triad

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



788678



778393



957D7C

Complementary

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



788678



867886

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.



937D84



788678



828192

Square

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



788678



6F8690



8C7E8C



927E75

Rectangle

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



788678



6D8786



8C7E8C



947D7E

Sweetspot

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



788678



A8ADA8



868678



535753



D6D6D6



575757

Same Dimension

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



788678



97AD97



78867F



3C423C



008200



000300

Inverse Universe

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



867886



AD97AD



86787F



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 788678 looks on a white background.

Color Contrast Check

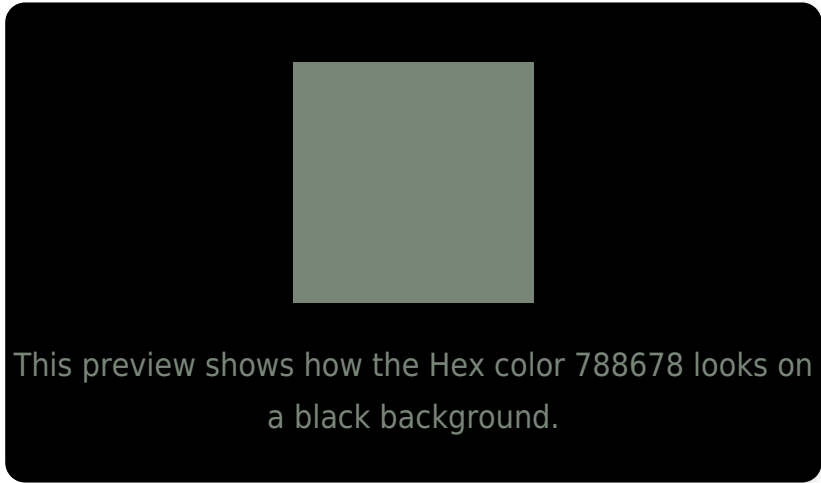
Large Text (above 18pt) WCAG AA ✓ Pass

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

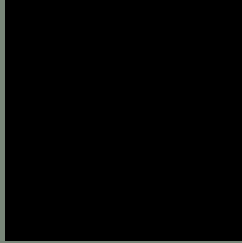
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

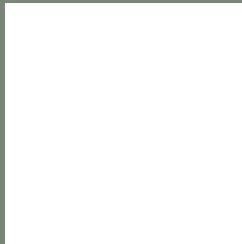
Any Text WCAG AAA × Fail

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

Hex 788678 Background



This preview shows how black text looks on a background with the Hex color 788678.

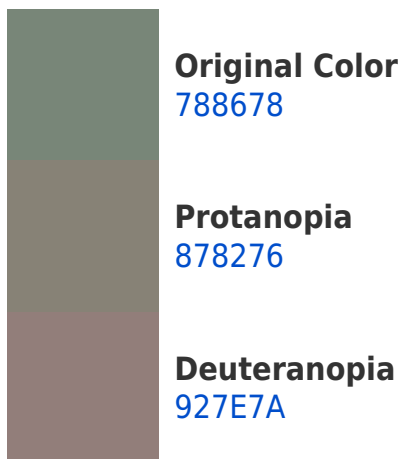


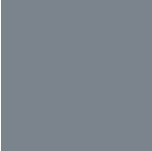
This preview shows how white text looks on a background with the Hex color 788678.

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](#).

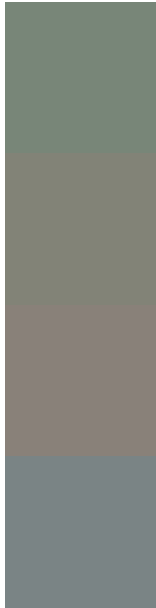
Dichromacy





Tritanopia
7B838D

Trichromacy



Original Color
788678

Protanomaly
828377

Deuteranomaly
898179

Tritanomaly
7A8485

Monochromacy



Original Color
788678

Achromatopsia
808080

Achromatomaly
7D827D

CSS Examples

Text

The CSS property to change the color of the text to Hex 788678 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 #788678 looks like.

```
.text, #text, p{  
    color:#788678  
}
```

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 #788678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788678  
}
```

Border

The CSS property to change the border of an element to Hex 788678 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  
#788678 }
```

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

```
.border{ border-color:#788678 }
```

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

Here you see how a box with a 4 pixel #788678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788678; -webkit-box-shadow:4px 4px  
4px 4px #788678; box-shadow:4px 4px 4px  
4px #788678 }
```

Background

The CSS property to change the background color of an element to Hex 788678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788678 }
```

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

```
.background{ background-color:#788678 }
```

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