

Converting Colors

Hex(789868)

Have a look what the booklet for
Hex(789868) contains.

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Color

Hex(789868)

Conversions

Conversions Part 1

Format	Color
Hex	789868
RGB	120, 152, 104
RGB Percent	47%, 60%, 41%
CMY	0.5294, 0.4039, 0.5922
CMYK	0.21, 0.00, 0.32, 0.40
HSL	100°, 19%, 50%
HSV	100°, 32%, 60%
XYZ	21.4727, 27.4490, 17.2632
YIQ	136.9600, -3.6640, -21.7120

Conversions

Conversions Part 2

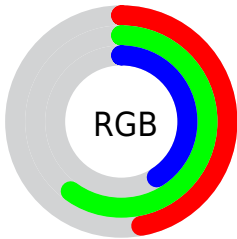
Format	Color
RYB	104, 152, 136
Decimal	7903336
CIELab	59.39, -20.42, 21.73
CIELCh	59, 29.823, 133.224
Yxy	27.4490, 0.3244, 0.4147
Android (android.graphics.Color)	4286093416 (0xFF789868)
YUV	136.9600, -16.2493, -14.8739
Hunter-Lab	52.3918, -18.5279, 17.1381

Details

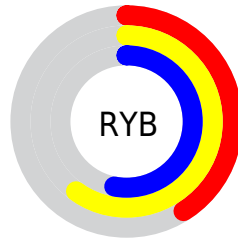
The Hex color **789868** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **886898**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **ADCE9C**, and **466538** is the 20% darker color. If you saturate the color by 10%, you get **6E9859**, and if you desaturate by 10%, it is **829877**.

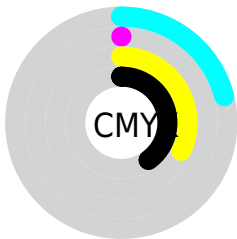
Distribution



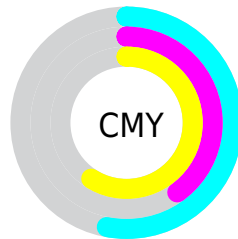
- Red (47%)
- Green (60%)
- Blue (41%)



- Red (41%)
- Yellow (60%)
- Blue (53%)



- Cyan (21%)
- Magenta (0%)
- Yellow (32%)
- Black (40%)



- Cyan (53%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789868 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 789868 by changing the saturation by 10% instead.

 789868

 789868

FFFFFF

 5F7E50

 ADCE9C

 466538

 C9EBB6

 2F4D22

 E5FFD2

 18360C

 FFFFEF

 002100

 000000

 789868

 789868

 6E9859

 829877

 64984A

 8C9886

■ 5A983A

■ 969896

■ 4F982B

■ A198A5

■ 45981C

■ AB98B4

■ 3B980D

■ B598C3

■ 339800

■ BF98D2

■ C998E2

■ D398F1

Harmonies

Analogous

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



95915B



789868



589C7F

Triad

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



789868



5496C1



C37B84

Complementary

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



789868



886898

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.



B97D9F



789868



7D8EC2

Square

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



789868



349BB2



A184B5



BE806C

Rectangle

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



789868



439D91



A184B5



C17B8D

Sweetspot

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



789868



B9C4B3



988868



5C6359



E3E3E3



636363

Same Dimension

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



789868



93C47A



689870



474D45



2F8C00



040D00

Inverse Universe

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



886898



AB7AC4



986890



4A454D



5E008C



09000D

Previews

White Background



This preview shows how the Hex color 789868 looks on a white background.

Color Contrast Check

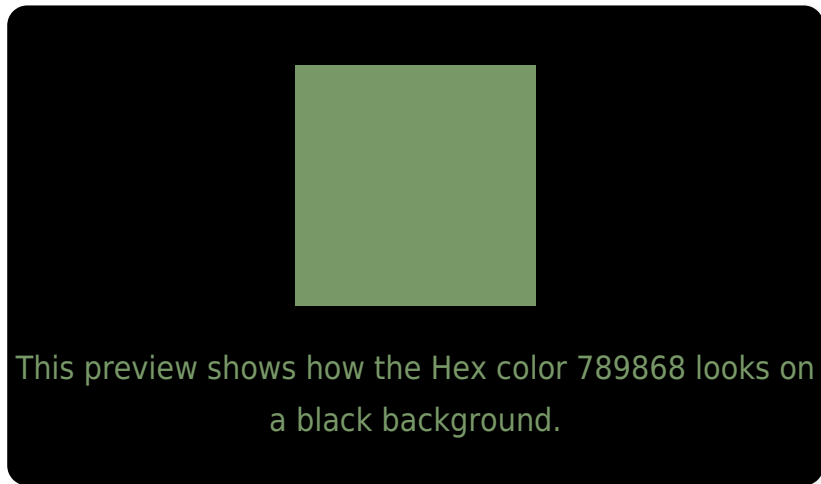
Large Text (above 18pt) WCAG AA ✓ Pass

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

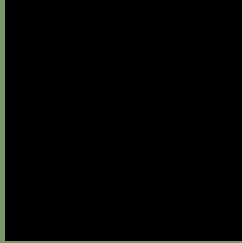
Any Text WCAG AA ✓ Pass

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 789868 Background



This preview shows how black text looks on a background with the Hex color 789868.



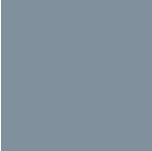
This preview shows how white text looks on a background with the Hex color 789868.

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



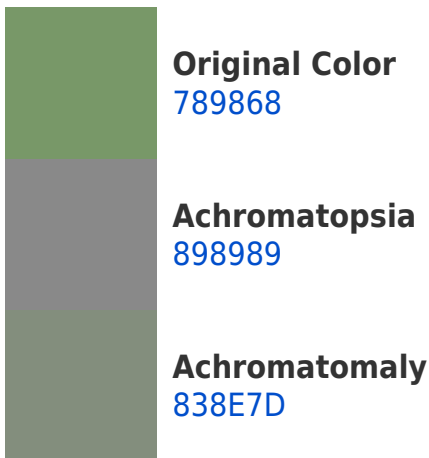


Tritanopia
80919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 789868 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 #789868 looks like.

```
.text, #text, p{  
    color:#789868  
}
```

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 #789868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789868
}
```

Border

The CSS property to change the border of an element to Hex 789868 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
#789868 }
```

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

```
.border{ border-color:#789868 }
```

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

Here you see how a box with a 4 pixel #789868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789868; -webkit-box-shadow:4px 4px  
4px 4px #789868; box-shadow:4px 4px 4px  
4px #789868 }
```

Background

The CSS property to change the background color of an element to Hex 789868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789868 }
```

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

```
.background{ background-color:#789868 }
```

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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