

Converting Colors

Hex(687878)

Have a look what the booklet for
Hex(687878) contains.

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Color

Hex(687878)

Conversions

Conversions Part 1

Format	Color
Hex	687878
RGB	104, 120, 120
RGB Percent	41%, 47%, 47%
CMY	0.5922, 0.5294, 0.5294
CMYK	0.13, 0.00, 0.00, 0.53
HSL	180°, 7%, 44%
HSV	180°, 13%, 47%
XYZ	15.8156, 17.7321, 20.3584
YIQ	115.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

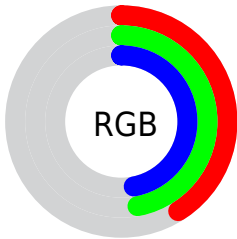
Format	Color
R_{YB}	104, 112, 120
Decimal	6846584
CIE _{Lab}	49.17, -5.89, -2.00
CIE _{LCh}	49, 6.222, 198.781
Yxy	17.7321, 0.2934, 0.3289
Android (android.graphics.Color)	4285036664 (0xFF687878)
YUV	115.2160, 2.3585, -9.8364
Hunter-Lab	42.1095, -6.6502, 0.8121

Details

The Hex color **687878** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786868**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9BACAC**, and **394848** is the 20% darker color. If you saturate the color by 10%, you get **5C7878**, and if you desaturate by 10%, it is **747878**.

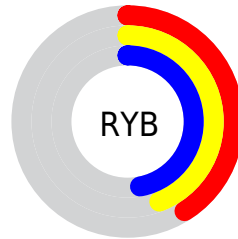
Distribution



Red (41%)

Green (47%)

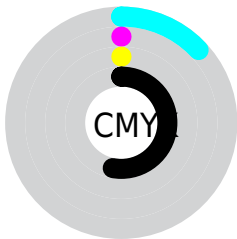
Blue (47%)



Red (41%)

Yellow (44%)

Blue (47%)

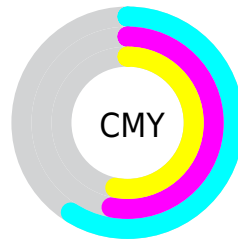


Cyan (13%)

Magenta (0%)

Yellow (0%)

Black (53%)



Cyan (59%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687878 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 687878 by changing the saturation by 10% instead.

■ 687878

■ 687878

FFFFFF

■ 505F5F

■ 9BACAC

■ 394848

■ B6C8C8

■ 233131

■ D2E4E4

■ 0E1C1C

■ EEEFFF

■ 000001

■ 000000

■ 687878

■ 687878

■ 5C7878

■ 747878

■ 507878

■ 807878

■ 447878

■ 8C7878

■ 387878

■ 987878

■ 2C7878

■ A47878

■ 207878

■ B07878

■ 147878

■ BC7878

■ 087878

■ C87878

■ 007878

■ D47878

Harmonies

Analogous

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



6A7873



687878



69777D

Triad

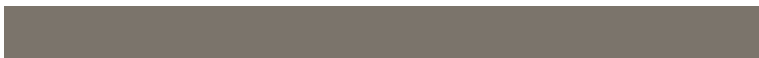
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



687878



7A737C



7B746B

Complementary

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



687878



786868

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.



7F726D



687878



7F7277

Square

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



687878



74747F



807172



76766B

Rectangle

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



687878



6C767E



807172



7D736B

Sweetspot

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



687878



959C9C



687868



4B4F4F



CFCFCF



4F4F4F

Same Dimension

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



687878



839C9C



687078



373D3D



007D7D



00FCFC

Inverse Universe

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



786878



9C839C



787068



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 687878 looks on a white background.

Color Contrast Check

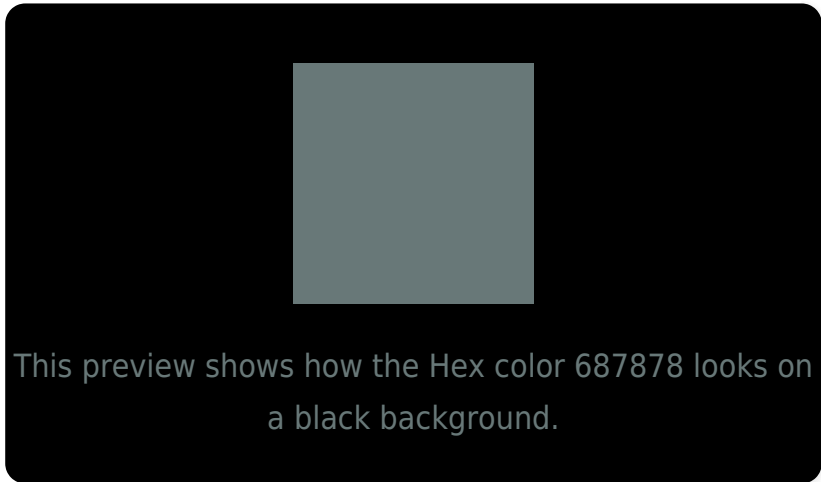
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

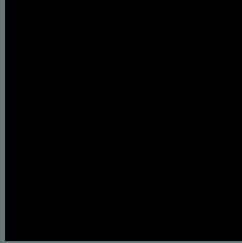
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

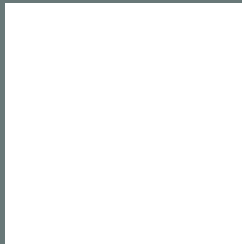
Any Text WCAG AAA × Fail

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

Hex 687878 Background



This preview shows how black text looks on a background with the Hex color 687878.



This preview shows how white text looks on a background with the Hex color 687878.

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
687878

Protanopia
767476

Deuteranopia
7E7179



Tritanopia
697780

Trichromacy



Original Color
687878

Protanomaly
717577

Deuteranomaly
767479

Tritanomaly
69777D

Monochromacy



Original Color
687878

Achromatopsia
737373

Achromatomaly
6F7575

CSS Examples

Text

The CSS property to change the color of the text to Hex 687878 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 #687878 looks like.

```
.text, #text, p{  
    color:#687878  
}
```

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 #687878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687878  
}
```

Border

The CSS property to change the border of an element to Hex 687878 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  
#687878 }
```

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

```
.border{ border-color:#687878 }
```

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

Here you see how a box with a 4 pixel #687878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687878; -webkit-box-shadow:4px 4px  
4px 4px #687878; box-shadow:4px 4px 4px  
4px #687878 }
```

Background

The CSS property to change the background color of an element to Hex 687878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687878 }
```

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

```
.background{ background-color:#687878 }
```

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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