

Converting Colors

Hex(687575)

Have a look what the booklet for
Hex(687575) contains.

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Color

Hex(687575)

Conversions

Conversions Part 1

Format	Color
Hex	687575
RGB	104, 117, 117
RGB Percent	41%, 46%, 46%
CMY	0.5922, 0.5412, 0.5412
CMYK	0.11, 0.00, 0.00, 0.54
HSL	180°, 6%, 43%
HSV	180°, 11%, 46%
XYZ	15.2811, 16.9500, 19.2959
YIQ	113.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

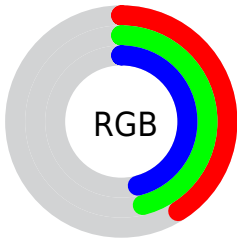
Format	Color
R_{YB}	104, 111, 117
Decimal	6845813
CIE _{Lab}	48.20, -4.83, -1.65
CIE _{LCh}	48, 5.108, 198.904
Yxy	16.9500, 0.2966, 0.3290
Android (android.graphics.Color)	4285035893 (0xFF687575)
YUV	113.1130, 1.9163, -7.9921
Hunter-Lab	41.1704, -5.7948, 1.0310

Details

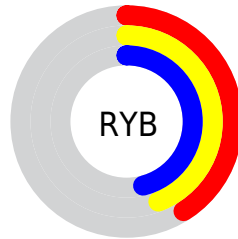
The Hex color **687575** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **756868**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9BA9A9**, and **394545** is the 20% darker color. If you saturate the color by 10%, you get **5C7575**, and if you desaturate by 10%, it is **747575**.

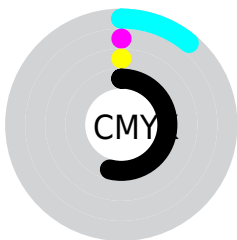
Distribution



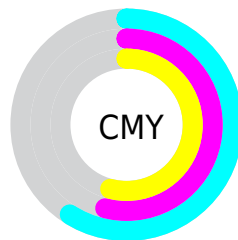
- Red (41%)
- Green (46%)
- Blue (46%)



- Red (41%)
- Yellow (44%)
- Blue (46%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (54%)



- Cyan (59%)
- Magenta (54%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687575 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 687575 by changing the saturation by 10% instead.

■ 687575

■ 687575

FFFFFF

■ 505C5C

■ 9BA9A9

■ 394545

■ B6C4C4

■ 232F2F

■ D2E0E0

■ 0F1A1A

■ EEFDFD

■ 000000

■ 687575

■ 687575

■ 5C7575

■ 747575

■ 517575

■ 7F7575

■ 457575

■ 8B7575

■ 397575

■ 977575

■ 2E7575

■ A37575

■ 227575

■ AE7575

■ 167575

■ BA7575

■ 0A7575

■ C67575

■ 007575

■ D17575

Harmonies

Analogous

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



6A7571



687575



697479

Triad

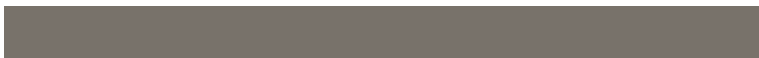
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



687575



777178



78726A

Complementary

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



687575



756868

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.



7B706C



687575



7A7074

Square

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



687575



71727A



7C7070



73736A

Rectangle

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



687575



6B747A



7C7070



79716A

Sweetspot

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



687575



949999



687568



494D4D



CCCCCC



4D4D4D

Same Dimension

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



687575



859999



686E75



353B3B



007A7A



00FAFA

Inverse Universe

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



756875



998599



756E68



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 687575 looks on a white background.

Color Contrast Check

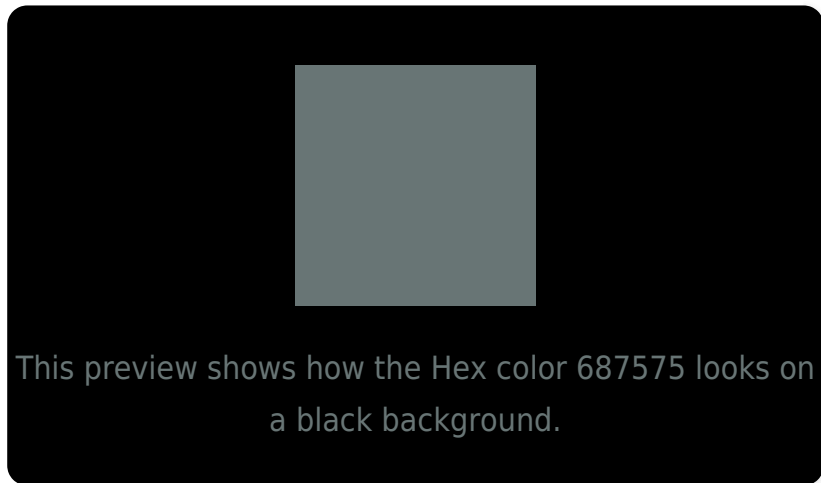
Large Text (above 18pt) WCAG AA ✓ Pass

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

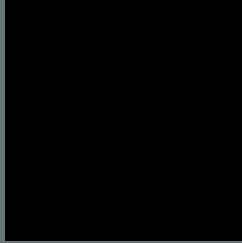
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

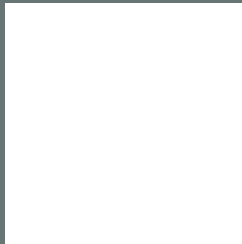
Any Text WCAG AAA × Fail

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

Hex 687575 Background



This preview shows how black text looks on a background with the Hex color 687575.



This preview shows how white text looks on a background with the Hex color 687575.

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
687575

Protanopia
747273

Deuteranopia
7B6F76



Tritanopia
69747D

Trichromacy



Original Color
687575

Protanomaly
707374

Deuteranomaly
747176

Tritanomaly
69747A

Monochromacy



Original Color
687575

Achromatopsia
717171

Achromatomaly
6E7272

CSS Examples

Text

The CSS property to change the color of the text to Hex 687575 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 #687575 looks like.

```
.text, #text, p{  
    color:#687575  
}
```

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 #687575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687575
}
```

Border

The CSS property to change the border of an element to Hex 687575 is called "border". The border property can be set on classes, ids or directly on the HTML element.

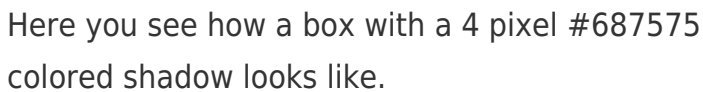
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#687575 }
```

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

```
.border{ border-color:#687575 }
```

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



Here you see how a box with a 4 pixel #687575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687575; -webkit-box-shadow:4px 4px  
4px 4px #687575; box-shadow:4px 4px 4px  
4px #687575 }
```

Background

The CSS property to change the background color of an element to Hex 687575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687575 }
```

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

```
.background{ background-color:#687575 }
```

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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