

Converting Colors

Hex(687171)

Have a look what the booklet for
Hex(687171) contains.

Hex(687171)	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(687171)

Conversions

Conversions Part 1

Format	Color
Hex	687171
RGB	104, 113, 113
RGB Percent	41%, 44%, 44%
CMY	0.5922, 0.5569, 0.5569
CMYK	0.08, 0.00, 0.00, 0.56
HSL	180°, 4%, 43%
HSV	180°, 8%, 44%
XYZ	14.5947, 15.9456, 17.9314
YIQ	110.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

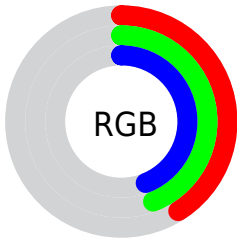
Format	Color
R_{YB}	104, 109, 113
Decimal	6844785
CIE _{Lab}	46.90, -3.39, -1.17
CIE _{LCh}	47, 3.585, 199.093
Yxy	15.9456, 0.3011, 0.3290
Android (android.graphics.Color)	4285034865 (0xFF687171)
YUV	110.3090, 1.3267, -5.5330
Hunter-Lab	39.9319, -4.6410, 1.3282

Details

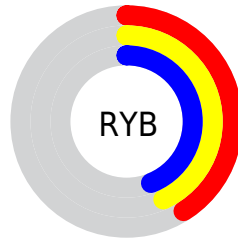
The Hex color **687171** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **716868**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9BA5A5**, and **394141** is the 20% darker color. If you saturate the color by 10%, you get **5D7171**, and if you desaturate by 10%, it is **737171**.

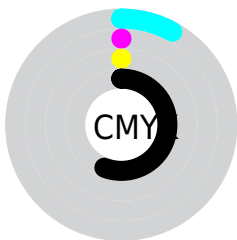
Distribution



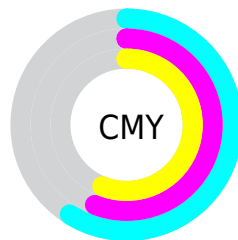
- Red (41%)
- Green (44%)
- Blue (44%)



- Red (41%)
- Yellow (43%)
- Blue (44%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (56%)



- Cyan (59%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687171 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 687171 by changing the saturation by 10% instead.

■ 687171

■ 687171

FFFFFF

■ 505959

■ 9BA5A5

■ 394141

■ B6C0C0

■ 232B2B

■ D2DCDC

■ 0E1717

■ EEF8F8

■ 000000

■ 687171

■ 687171

■ 5D7171

■ 737171

■ 517171

■ 7F7171

■ 467171

■ 8A7171

■ 3B7171

■ 957171

■ 2F7171

■ A17171

■ 247171

■ AC7171

■ 197171

■ B77171

■ 0E7171

■ C27171

■ 027171

■ CE7171

Harmonies

Analogous

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



69716E



687171



697174

Triad

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



687171



726E73



736F69

Complementary

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



687171



716868

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.



756E6B



687171



756D70

Square

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



687171



6F6F75



766D6D



707069

Rectangle

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



687171



6A7075



766D6D



746E6A

Sweetspot

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



687171



919494



687168



484A4A



C9C9C9



4A4A4A

Same Dimension

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



687171



859494



686D71



323838



007878



00F7F7

Inverse Universe

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



716871



948594



716D68



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 687171 looks on a white background.

Color Contrast Check

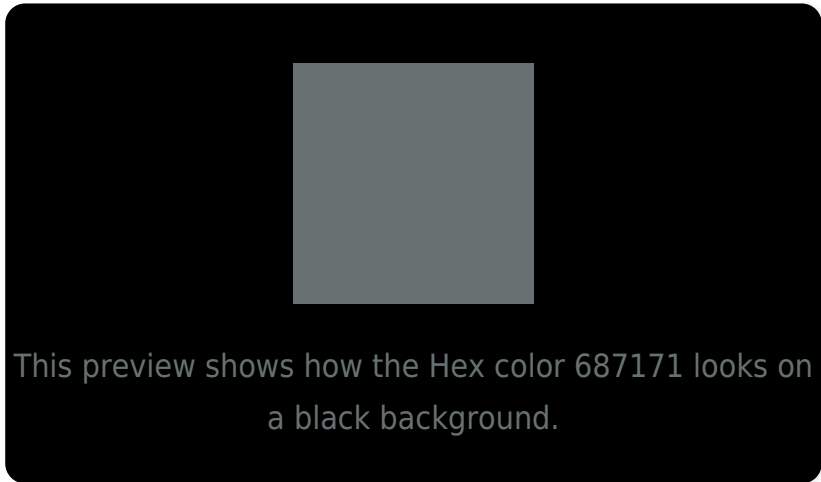
Large Text (above 18pt) WCAG AA ✓ Pass

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

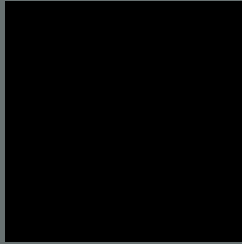
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

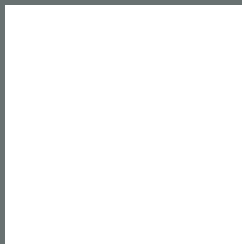
Any Text WCAG AAA × Fail

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

Hex 687171 Background



This preview shows how black text looks on a background with the Hex color 687171.



This preview shows how white text looks on a background with the Hex color 687171.

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
687171

Protanopia
716E70

Deuteranopia
786C72



Tritanopia
697079

Trichromacy



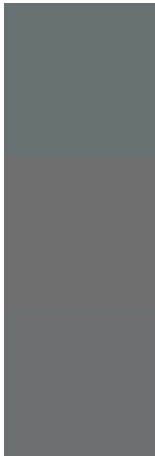
Original Color
687171

Protanomaly
6E6F70

Deuteranomaly
726E72

Tritanomaly
697076

Monochromacy



Original Color
687171

Achromatopsia
6E6E6E

Achromatomaly
6C6F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 687171 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 #687171 looks like.

```
.text, #text, p{  
  color:#687171  
}
```

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 #687171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687171
}
```

Border

The CSS property to change the border of an element to Hex 687171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

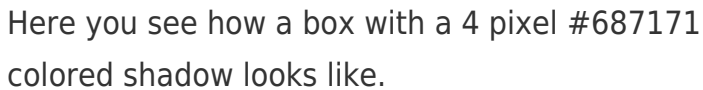
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#687171 }
```

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

```
.border{ border-color:#687171 }
```

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



Here you see how a box with a 4 pixel #687171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687171; -webkit-box-shadow:4px 4px  
4px 4px #687171; box-shadow:4px 4px 4px  
4px #687171 }
```

Background

The CSS property to change the background color of an element to Hex 687171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687171 }
```

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

```
.background{ background-color:#687171 }
```

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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