

Converting Colors

Hex(66687A)

Have a look what the booklet for
Hex(66687A) contains.

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Color

Hex(66687A)

Conversions

Conversions Part 1

Format	Color
Hex	66687A
RGB	102, 104, 122
RGB Percent	40%, 41%, 48%
CMY	0.6000, 0.5922, 0.5216
CMYK	0.16, 0.15, 0.00, 0.52
HSL	234°, 9%, 44%
HSV	234°, 16%, 48%
XYZ	13.9427, 14.1306, 20.4050
YIQ	105.4540, -6.9700, 5.1740

Conversions

Conversions Part 2

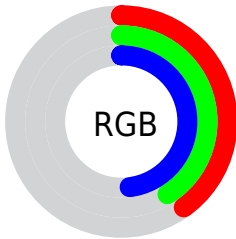
Format	Color
R_{YB}	102, 104, 122
Decimal	6711418
CIE Lab	44.42, 3.27, -10.28
CIE LCh	44, 10.787, 287.636
Yxy	14.1306, 0.2876, 0.2915
Android (android.graphics.Color)	4284901498 (0xFF66687A)
YUV	105.4540, 8.1572, -3.0292
Hunter-Lab	37.5906, 0.4235, -5.8704

Details

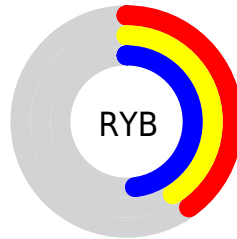
The Hex color **66687A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7866**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **999BAE**, and **373949** is the 20% darker color. If you saturate the color by 10%, you get **5A5D7A**, and if you desaturate by 10%, it is **72737A**.

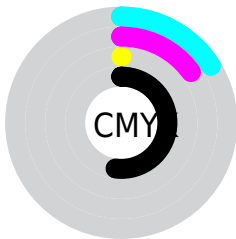
Distribution



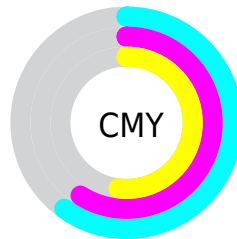
- Red (40%)
- Green (41%)
- Blue (48%)



- Red (40%)
- Yellow (41%)
- Blue (48%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (52%)



- Cyan (60%)
- Magenta (59%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66687A 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 66687A by changing the saturation by 10% instead.

■ 66687A

■ 66687A

FFFFFF

■ 4E5061

■ 999BAE

■ 373949

■ B4B6CA

■ 212433

■ D0D1E6

■ 0C0E1E

■ ECEEFF

■ 000002

■ 000000

■ 66687A

■ 66687A

■ 5A5D7A

■ 72737A

■ 4E527A

■ 7E7E7A

■ 41477A

■ 8B897A

■ 353C7A

■ 97947A

■ 29317A

■ A39F7A

■ 1D267A

■ AFAA7A

■ 111B7A

■ BBB57A

■ 04107A

■ C8C07A

■ 000C7A

■ D4CB7A

Harmonies

Analogous

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



5B6B7A



66687A



716575

Triad

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



66687A



7A645C



576E65

Complementary

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



66687A



7A7866

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.



606D5D



66687A



746758

Square

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



66687A



7C6364



6B6A58



526E6E

Rectangle

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



66687A



776470



6B6A58



5A6E62

Sweetspot

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



66687A



96979E



667A78



4A4B4F



CFCFCF



4F4F4F

Same Dimension

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



66687A



7E829E



6E667A



37383D



000C7D



0019FC

Inverse Universe

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



7A6668



9E7E82



727A66



3D3738



7D000C



FC0019

Previews

White Background



This preview shows how the Hex color 66687A looks on a white background.

Color Contrast Check

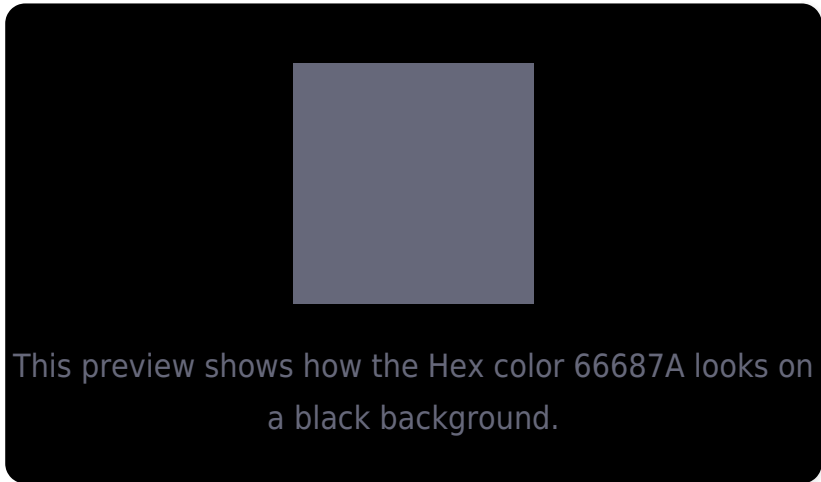
Large Text (above 18pt) WCAG AA ✓ Pass

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

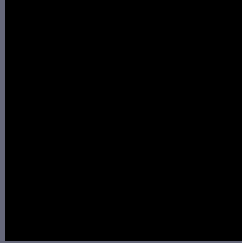
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

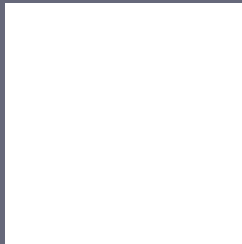
Any Text WCAG AAA × Fail

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

Hex 66687A Background



This preview shows how black text looks on a background with the Hex color 66687A.



This preview shows how white text looks on a background with the Hex color 66687A.

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


66687A

Protanopia

66687A

Deuteranopia

6B667A



Tritanopia
656972

Trichromacy



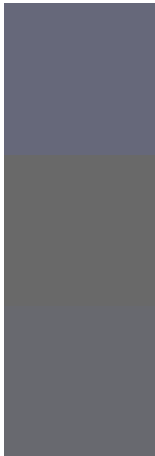
Original Color
66687A

Protanomaly
66687A

Deuteranomaly
69677A

Tritanomaly
656975

Monochromacy



Original Color
66687A

Achromatopsia
696969

Achromatomaly
68696F

CSS Examples

Text

The CSS property to change the color of the text to Hex 66687A 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 #66687A looks like.

```
.text, #text, p{  
    color:#66687A  
}
```

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 #66687A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66687A
}
```

Border

The CSS property to change the border of an element to Hex 66687A 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
#66687A }
```

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

```
.border{ border-color:#66687A }
```

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

Here you see how a box with a 4 pixel #66687A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66687A; -webkit-box-shadow:4px 4px  
4px 4px #66687A; box-shadow:4px 4px 4px  
4px #66687A }
```

Background

The CSS property to change the background color of an element to Hex 66687A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66687A }
```

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

```
.background{ background-color:#66687A }
```

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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