

Converting Colors

Hex(586D7A)

Have a look what the booklet for
Hex(586D7A) contains.

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Color

Hex(586D7A)

Conversions

Conversions Part 1

Format	Color
Hex	586D7A
RGB	88, 109, 122
RGB Percent	35%, 43%, 48%
CMY	0.6549, 0.5725, 0.5216
CMYK	0.28, 0.11, 0.00, 0.52
HSL	203°, 16%, 41%
HSV	203°, 28%, 48%
XYZ	13.0060, 14.4171, 20.5096
YIQ	104.2030, -16.6890, -0.4090

Conversions

Conversions Part 2

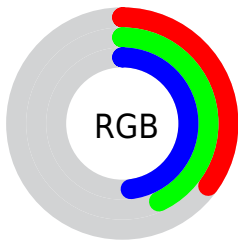
Format	Color
R_{YB}	88, 101, 122
Decimal	5795194
CIE _{Lab}	44.83, -4.52, -9.78
CIE _{LCh}	45, 10.771, 245.171
Yxy	14.4171, 0.2713, 0.3008
Android (android.graphics.Color)	4283985274 (0xFF586D7A)
YUV	104.2030, 8.7739, -14.2100
Hunter-Lab	37.9699, -5.3049, -5.4469

Details

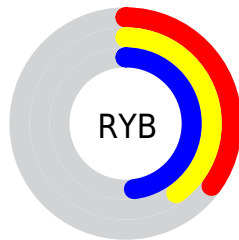
The Hex color **586D7A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A6558**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8BA0AE**, and **293E49** is the 20% darker color. If you saturate the color by 10%, you get **4C687A**, and if you desaturate by 10%, it is **64727A**.

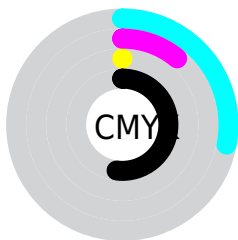
Distribution



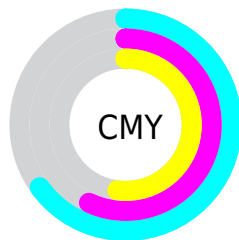
- Red (35%)
- Green (43%)
- Blue (48%)



- Red (35%)
- Yellow (40%)
- Blue (48%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)
- Black (52%)



- Cyan (65%)
- Magenta (57%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586D7A 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 586D7A by changing the saturation by 10% instead.

■ 586D7A

■ 586D7A

FFFFFF

■ 405561

■ 8BA0AE

■ 293E49

■ A5BBCA

■ 132833

■ C1D7E6

■ 00131E

■ DDF4FF

■ 000002

■ F9FFFF

■ 000000

■ 586D7A

■ 586D7A

■ 4C687A

■ 64727A

■ 40647A

■ 70767A

■ 335F7A

■ 7D7B7A

■ 275A7A

■ 89807A

■ 1B567A

■ 95847A

■ 0F517A

■ A1897A

■ 034C7A

■ AD8E7A

■ 004B7A

■ BA927A

■ C6977A

Harmonies

Analogous

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



536F74



586D7A



626A7C

Triad

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



586D7A



7C6469



656D5B

Complementary

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



586D7A



7A6558

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.



706A58



586D7A



7D6560

Square

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



586D7A



776572



78675A



5C6F62

Rectangle

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



586D7A



6A687A



78675A



696C5A

Sweetspot

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



586D7A



91999E



587A64



474C4F



CFCFCF



4F4F4F

Same Dimension

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



586D7A



6A8A9E



585D7A



373B3D



004D7D



009CFC

Inverse Universe

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



7A586D



9E6A8A



7A7558



3D373B



7D004D



FC009C

Previews

White Background



This preview shows how the Hex color 586D7A looks on a white background.

Color Contrast Check

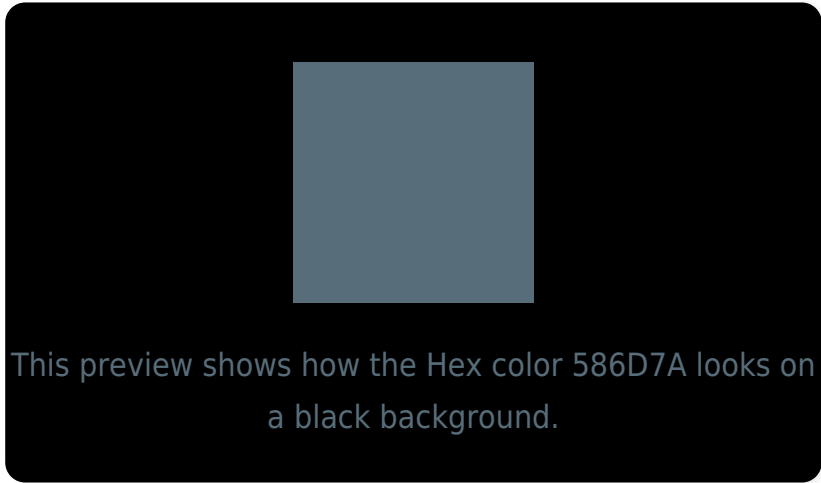
Large Text (above 18pt) WCAG AA ✓ Pass

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

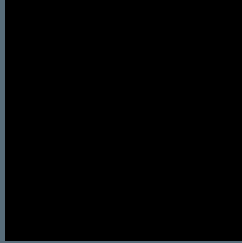
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

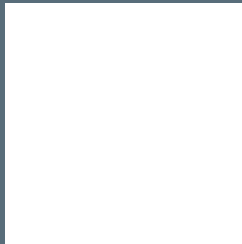
Any Text WCAG AAA × Fail

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

Hex 586D7A Background



This preview shows how black text looks on a background with the Hex color 586D7A.

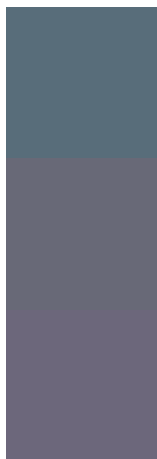


This preview shows how white text looks on a background with the Hex color 586D7A.

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

586D7A

Protanopia

686977

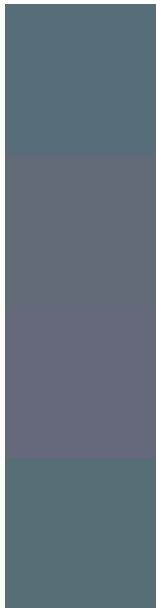
Deuteranopia

6C677B



Tritanopia
576E76

Trichromacy



Original Color

586D7A

Protanomaly

626A78

Deuteranomaly

65697B

Tritanomaly

576E77

Monochromacy



Original Color

586D7A

Achromatopsia

686868

Achromatomaly

626A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 586D7A 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 #586D7A looks like.

```
.text, #text, p{  
    color:#586D7A  
}
```

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 #586D7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586D7A
}
```

Border

The CSS property to change the border of an element to Hex 586D7A 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
#586D7A }
```

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

```
.border{ border-color:#586D7A }
```

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

Here you see how a box with a 4 pixel #586D7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586D7A; -webkit-box-shadow:4px 4px  
4px 4px #586D7A; box-shadow:4px 4px 4px  
4px #586D7A }
```

Background

The CSS property to change the background color of an element to Hex 586D7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586D7A }
```

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

```
.background{ background-color:#586D7A }
```

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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