

Converting Colors

Hex(586A79)

Have a look what the booklet for
Hex(586A79) contains.

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Color

Hex(586A79)

Conversions

Conversions Part 1

Format	Color
Hex	586A79
RGB	88, 106, 121
RGB Percent	35%, 42%, 47%
CMY	0.6549, 0.5843, 0.5255
CMYK	0.27, 0.12, 0.00, 0.53
HSL	207°, 16%, 41%
HSV	207°, 27%, 47%
XYZ	12.6297, 13.7633, 20.0801
YIQ	102.3280, -15.5430, 0.8490

Conversions

Conversions Part 2

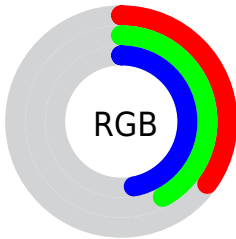
Format	Color
R_{YB}	88, 100, 121
Decimal	5794425
CIE _{Lab}	43.89, -3.01, -10.58
CIE _{LCh}	44, 10.999, 254.133
Yxy	13.7633, 0.2718, 0.2962
Android (android.graphics.Color)	4283984505 (0xFF586A79)
YUV	102.3280, 9.2053, -12.5657
Hunter-Lab	37.0989, -4.1555, -6.1220

Details

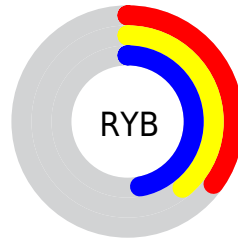
The Hex color **586A79** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **796758**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8B9DAD**, and **293B48** is the 20% darker color. If you saturate the color by 10%, you get **4C6579**, and if you desaturate by 10%, it is **646F79**.

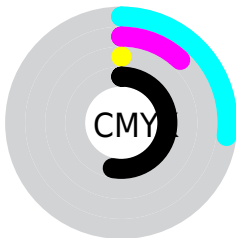
Distribution



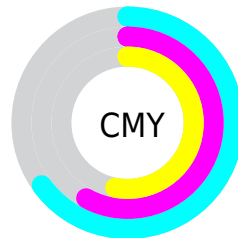
- Red (35%)
- Green (42%)
- Blue (47%)



- Red (35%)
- Yellow (39%)
- Blue (47%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)



- Cyan (65%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586A79 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 586A79 by changing the saturation by 10% instead.



586A79



586A79

FFFFFF



405260



8B9DAD



293B48



A5B8C9



132532



C0D4E5



00101D



DCF0FF



000000



F9FFFF



586A79



586A79



4C6579



646F79



405F79



707579

■ 345A79

■ 7C7A79

■ 285479

■ 888079

■ 1B4F79

■ 948579

■ 0F4979

■ A18B79

■ 034479

■ AD9079

■ 004279

■ B99679

■ C59B79

Harmonies

Analogous

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



516C74



586A79



636779

Triad

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



586A79



7B6164



606B5A

Complementary

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



586A79



796758

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.



6A6856



586A79



7A635B

Square

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



586A79



77626D



746556



566D62

Rectangle

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



586A79



6B6577



746556



636A59

Sweetspot

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



586A79



91989E



587967



474B4F



CFCFCF



4F4F4F

Same Dimension

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



586A79



6A869E



585A79



373A3D



00447D



008AFC

Inverse Universe

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



79586A



9E6A86



797758



3D373A



7D0044



FC008A

Previews

White Background



This preview shows how the Hex color 586A79 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

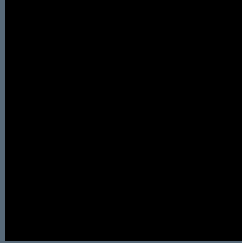
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

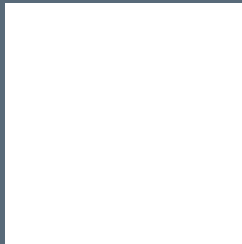
Any Text WCAG AAA × Fail

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

Hex 586A79 Background



This preview shows how black text looks on a background with the Hex color 586A79.



This preview shows how white text looks on a background with the Hex color 586A79.

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](#).

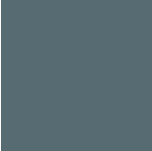
Dichromacy



Original Color
586A79

Protanopia
656777

Deuteranopia
69657A



Tritanopia
576B73

Trichromacy



Original Color
586A79

Protanomaly
606878

Deuteranomaly
63677A

Tritanomaly
576B75

Monochromacy



Original Color
586A79

Achromatopsia
666666

Achromatomaly
61676D

CSS Examples

Text

The CSS property to change the color of the text to Hex 586A79 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 #586A79 looks like.

```
.text, #text, p{  
    color:#586A79  
}
```

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 #586A79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586A79
}
```

Border

The CSS property to change the border of an element to Hex 586A79 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
#586A79 }
```

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

```
.border{ border-color:#586A79 }
```

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

Here you see how a box with a 4 pixel #586A79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586A79; -webkit-box-shadow:4px 4px  
4px 4px #586A79; box-shadow:4px 4px 4px  
4px #586A79 }
```

Background

The CSS property to change the background color of an element to Hex 586A79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586A79 }
```

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

```
.background{ background-color:#586A79 }
```

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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