

# Converting Colors

Hex(576A79)

Have a look what the booklet for  
Hex(576A79) contains.

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# Color

**Hex(576A79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	576A79
RGB	87, 106, 121
RGB Percent	34%, 42%, 47%
CMY	0.6588, 0.5843, 0.5255
CMYK	0.28, 0.12, 0.00, 0.53
HSL	206°, 16%, 41%
HSV	206°, 28%, 47%
XYZ	12.5357, 13.7148, 20.0757
YIQ	102.0290, -16.1390, 0.6370

# Conversions

## Conversions Part 2

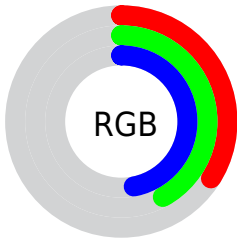
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 99, 121
Decimal	5728889
CIELab	43.82, -3.34, -10.69
CIELCh	44, 11.202, 252.661
Yxy	13.7148, 0.2706, 0.2960
Android (android.graphics.Color)	4283918969 (0xFF576A79)
YUV	102.0290, 9.3527, -13.1804
Hunter-Lab	37.0335, -4.3869, -6.2174

# Details

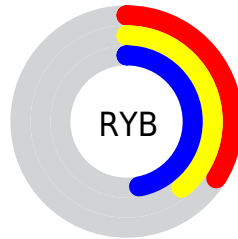
The Hex color **576A79** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **796657**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8A9DAD**, and **283B48** is the 20% darker color. If you saturate the color by 10%, you get **4B6579**, and if you desaturate by 10%, it is **636F79**.

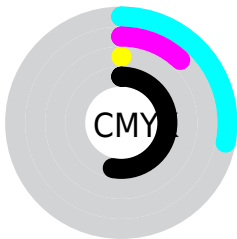
# Distribution



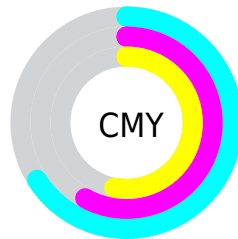
- Red (34%)
- Green (42%)
- Blue (47%)



- Red (34%)
- Yellow (39%)
- Blue (47%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)



- Cyan (66%)
- Magenta (58%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 576A79 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 576A79 by changing the saturation by 10% instead.





576A79



576A79

FFFFFF



3F5260



8A9DAD



283B48



A4B8C9



122532



BFD4E5



00101D



DBF0FF



000000



F8FFFF



576A79



576A79



4B6579



636F79



3F5F79



6F7579

■ 335A79

■ 7B7A79

■ 275579

■ 877F79

■ 1B4F79

■ 938579

■ 0E4A79

■ A08A79

■ 024579

■ AC8F79

■ 004479

■ B89579

■ C49A79

# Harmonies

## Analogous

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



506C74



576A79



62677A

# Triad

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



576A79



7B6164



606B5A

# Complementary

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



576A79



796657

# 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.



6B6855



576A79



7A625B

# Square

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



576A79



77626D



746556



566D62

# Rectangle

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



576A79



6A6577



746556



646A58



# Sweetspot

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



576A79



91999E



577966



474C4F



CFCFCF



4F4F4F



# Same Dimension

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



576A79



68869E



575979



373B3D



00467D



008DFC



# Inverse Universe

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



79576A



9E6886



797757



3D373A



7D0046



FC008D



# Previews

## White Background



This preview shows how the Hex color 576A79 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

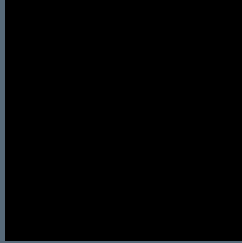
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

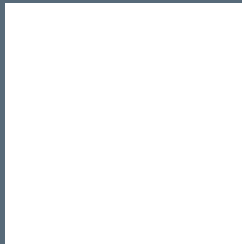
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 576A79 Background



This preview shows how black text looks on a background with the Hex color 576A79.



This preview shows how white text looks on a background with the Hex color 576A79.

# 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**  
576A79

**Protanopia**  
656777

**Deuteranopia**  
68657A



**Tritanopia**  
566B73

# Trichromacy



**Original Color**  
576A79

**Protanomaly**  
606878

**Deuteranomaly**  
62677A

**Tritanomaly**  
566B75

# Monochromacy



**Original Color**  
576A79

**Achromatopsia**  
666666

**Achromatomaly**  
61676D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 576A79 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 #576A79 looks like.

```
.text, #text, p{  
    color:#576A79  
}
```

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 #576A79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576A79
}
```

## Border

The CSS property to change the border of an element to Hex 576A79 is called "border". The border property can be set on classes, ids or directly on the HTML element.

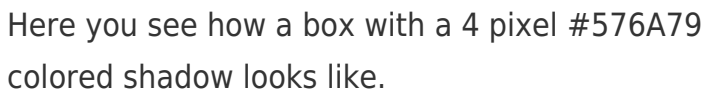
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#576A79 }
```

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

```
.border{ border-color:#576A79 }
```

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



Here you see how a box with a 4 pixel #576A79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576A79; -webkit-box-shadow:4px 4px  
4px 4px #576A79; box-shadow:4px 4px 4px  
4px #576A79 }
```

# Background

The CSS property to change the background color of an element to Hex 576A79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576A79 }
```

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

```
.background{ background-color:#576A79 }
```

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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