

Converting Colors

Hex(576A78)

Have a look what the booklet for
Hex(576A78) contains.

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Color

Hex(576A78)

Conversions

Conversions Part 1

Format	Color
Hex	576A78
RGB	87, 106, 120
RGB Percent	34%, 42%, 47%
CMY	0.6588, 0.5843, 0.5294
CMYK	0.27, 0.12, 0.00, 0.53
HSL	205°, 16%, 41%
HSV	205°, 27%, 47%
XYZ	12.4747, 13.6904, 19.7543
YIQ	101.9150, -15.8180, 0.3260

Conversions

Conversions Part 2

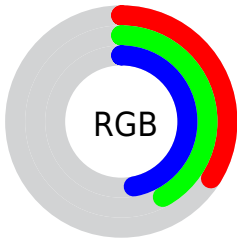
Format	Color
RYB	87, 99, 120
Decimal	5728888
CIELab	43.79, -3.60, -10.14
CIELCh	44, 10.763, 250.465
Yxy	13.6904, 0.2717, 0.2981
Android (android.graphics.Color)	4283918968 (0xFF576A78)
YUV	101.9150, 8.9159, -13.0805
Hunter-Lab	37.0005, -4.5698, -5.7542

Details

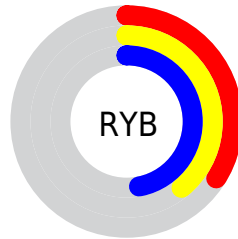
The Hex color **576A78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786557**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8A9DAC**, and **283B48** is the 20% darker color. If you saturate the color by 10%, you get **4B6578**, and if you desaturate by 10%, it is **636F78**.

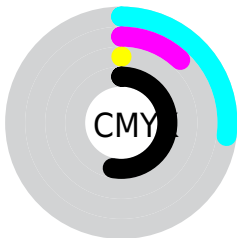
Distribution



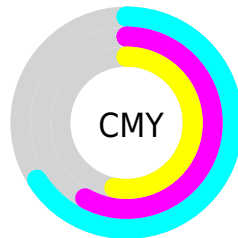
- Red (34%)
- Green (42%)
- Blue (47%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 576A78 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 576A78 by changing the saturation by 10% instead.



576A78



576A78

FFFFFF



3F525F



8A9DAC



283B48



A4B8C8



122531



BFD4E4



00101C



DBF0FF



000000



F8FFFF



576A78



576A78



4B6578



636F78



3F6078



6F7478

■ 335B78

■ 7B7978

■ 275678

■ 877E78

■ 1B5178

■ 938378

■ 0F4B78

■ 9F8978

■ 034678

■ AB8E78

■ 004578

■ B79378

■ C39878

Harmonies

Analogous

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



516C73



576A78



626779

Triad

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



576A78



7A6165



616A5A

Complementary

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



576A78



786557

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.



6B6856



576A78



79625C

Square

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



576A78



76626E



746557



586C61

Rectangle

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



576A78



696577



746557



656A58

Sweetspot

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



576A78



8F969C



577865



474C4F



CFCFCF



4F4F4F

Same Dimension

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



576A78



68869C



575A78



373B3D



00487D



0091FC

Inverse Universe

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



78576A



9C6886



787557



3D373B



7D0048



FC0091

Previews

White Background



This preview shows how the Hex color 576A78 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

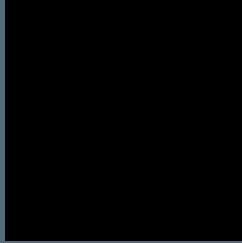
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

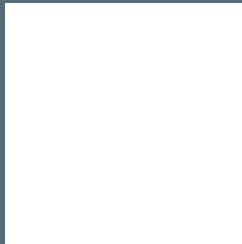
Any Text WCAG AAA × Fail

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

Hex 576A78 Background



This preview shows how black text looks on a background with the Hex color 576A78.

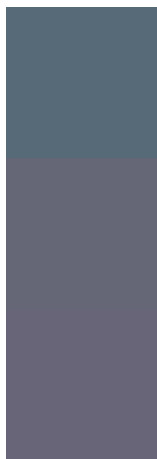


This preview shows how white text looks on a background with the Hex color 576A78.

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
576A78

Protanopia
656676

Deuteranopia
696579



Tritanopia
566B73

Trichromacy



Original Color
576A78

Protanomaly
606777

Deuteranomaly
626779

Tritanomaly
566B75

Monochromacy



Original Color
576A78

Achromatopsia
666666

Achromatomaly
61676D

CSS Examples

Text

The CSS property to change the color of the text to Hex 576A78 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 #576A78 looks like.

```
.text, #text, p{  
    color:#576A78  
}
```

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 #576A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576A78
}
```

Border

The CSS property to change the border of an element to Hex 576A78 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".

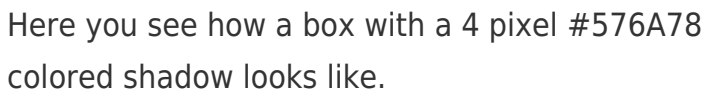
```
.border, #border, table{ border:4px solid
#576A78 }
```

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

```
.border{ border-color:#576A78 }
```

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

Here you see how a box with a 4 pixel #576A78 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576A78; -webkit-box-shadow:4px 4px  
4px 4px #576A78; box-shadow:4px 4px 4px  
4px #576A78 }
```

Background

The CSS property to change the background color of an element to Hex 576A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576A78 }
```

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

```
.background{ background-color:#576A78 }
```

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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