

Converting Colors

Hex(576A71)

Have a look what the booklet for
Hex(576A71) contains.

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Color

Hex(576A71)

Conversions

Conversions Part 1

Format	Color
Hex	576A71
RGB	87, 106, 113
RGB Percent	34%, 42%, 44%
CMY	0.6588, 0.5843, 0.5569
CMYK	0.23, 0.06, 0.00, 0.56
HSL	196°, 13%, 39%
HSV	196°, 23%, 44%
XYZ	12.0652, 13.5266, 17.5978
YIQ	101.1170, -13.5710, -1.8510

Conversions

Conversions Part 2

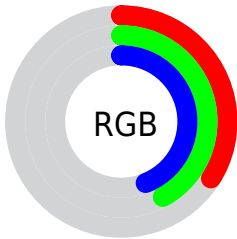
Format	Color
R_{YB}	87, 98, 113
Decimal	5728881
CIE _{Lab}	43.55, -5.38, -6.28
CIE _{LCh}	44, 8.266, 229.405
Yxy	13.5266, 0.2794, 0.3132
Android (android.graphics.Color)	4283918961 (0xFF576A71)
YUV	101.1170, 5.8583, -12.3806
Hunter-Lab	36.7785, -5.8055, -2.6242

Details

The Hex color **576A71** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **715E57**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **899DA5**, and **293B41** is the 20% darker color. If you saturate the color by 10%, you get **4C6771**, and if you desaturate by 10%, it is **626D71**.

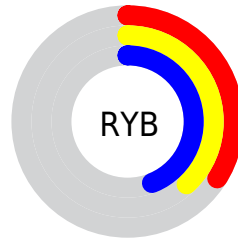
Distribution



Red (34%)

Green (42%)

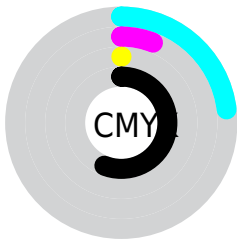
Blue (44%)



Red (34%)

Yellow (38%)

Blue (44%)

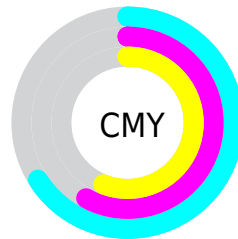


Cyan (23%)

Magenta (6%)

Yellow (0%)

Black (56%)



Cyan (66%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 576A71 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 576A71 by changing the saturation by 10% instead.



576A71



576A71

FFFFFF



3F5259



899DA5



293B41



A4B8C0



13252B



BFD4DC



001017



DBF0F8



000000



F7FFFF



576A71



576A71



4C6771



626D71



406471



6E7071

■ 356171

■ 797371

■ 2A5E71

■ 847671

■ 1E5B71

■ 907971

■ 135871

■ 9B7C71

■ 085571

■ A67F71

■ 005371

■ B18271

■ BD8571

Harmonies

Analogous

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



566B6B



576A71



5D6874

Triad

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



576A71



73626A



68685A

Complementary

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



576A71



715E57

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.



6F665A



576A71



766263

Square

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



576A71



6E6470



74645D



606A5E

Rectangle

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



576A71



626774



74645D



6A6759

Sweetspot

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



576A71



8A9194



57715E



44484A



C9C9C9



4A4A4A

Same Dimension

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



576A71



6A8994



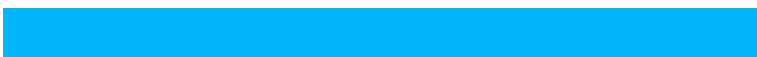
575D71



323738



005878



00B5F7

Inverse Universe

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



71576A



946A89



716B57



383237



780058



F700B5

Previews

White Background



This preview shows how the Hex color 576A71 looks on a white background.

Color Contrast Check

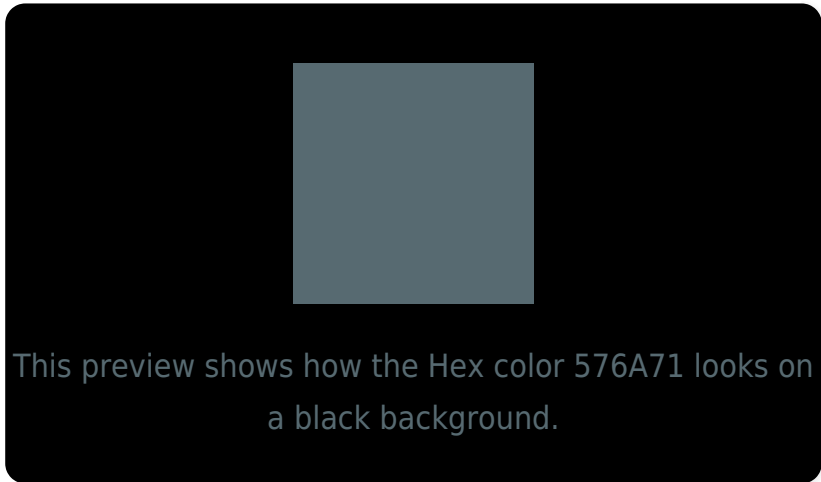
Large Text (above 18pt) WCAG AA ✓ Pass

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

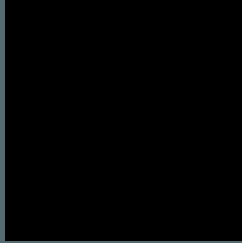
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

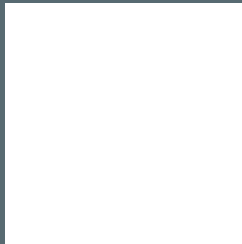
Any Text WCAG AAA × Fail

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

Hex 576A71 Background



This preview shows how black text looks on a background with the Hex color 576A71.



This preview shows how white text looks on a background with the Hex color 576A71.

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
576A71

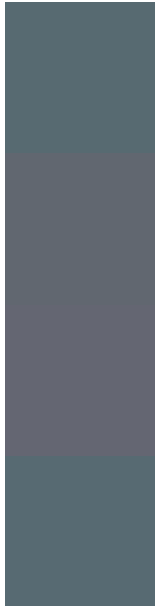
Protanopia
66666F

Deuteranopia
6B6472



Tritanopia
576A72

Trichromacy



Original Color
576A71

Protanomaly
616770

Deuteranomaly
646672

Tritanomaly
576A72

Monochromacy



Original Color
576A71

Achromatopsia
656565

Achromatomaly
606769

CSS Examples

Text

The CSS property to change the color of the text to Hex 576A71 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 #576A71 looks like.

```
.text, #text, p{  
    color:#576A71  
}
```

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 #576A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576A71  
}
```

Border

The CSS property to change the border of an element to Hex 576A71 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  
#576A71 }
```

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

```
.border{ border-color:#576A71 }
```

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

Here you see how a box with a 4 pixel #576A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576A71; -webkit-box-shadow:4px 4px  
4px 4px #576A71; box-shadow:4px 4px 4px  
4px #576A71 }
```

Background

The CSS property to change the background color of an element to Hex 576A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576A71 }
```

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

```
.background{ background-color:#576A71 }
```

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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