

# Converting Colors

Hex(576B6A)

Have a look what the booklet for  
Hex(576B6A) contains.

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# Color

**Hex(576B6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	576B6A
RGB	87, 107, 106
RGB Percent	34%, 42%, 42%
CMY	0.6588, 0.5804, 0.5843
CMYK	0.19, 0.00, 0.01, 0.58
HSL	177°, 10%, 38%
HSV	177°, 19%, 42%
XYZ	11.7897, 13.5822, 15.6359
YIQ	100.9060, -11.5990, -4.5510

# Conversions

## Conversions Part 2

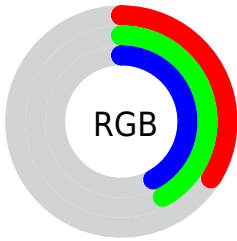
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 97, 107
Decimal	5729130
CIELab	43.63, -7.66, -1.93
CIElCh	44, 7.896, 194.124
Yxy	13.5822, 0.2875, 0.3312
Android (android.graphics.Color)	4283919210 (0xFF576B6A)
YUV	100.9060, 2.5113, -12.1956
Hunter-Lab	36.8541, -7.3921, 0.6432

# Details

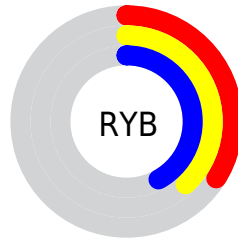
The Hex color **576B6A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B5758**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **899E9D**, and **293C3B** is the 20% darker color. If you saturate the color by 10%, you get **4C6B69**, and if you desaturate by 10%, it is **626B6B**.

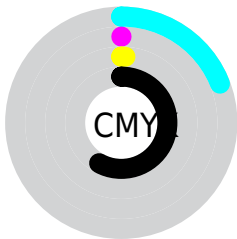
# Distribution



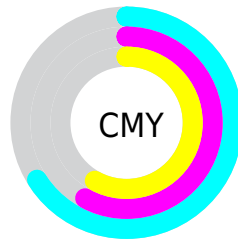
- Red (34%)
- Green (42%)
- Blue (42%)



- Red (34%)
- Yellow (38%)
- Blue (42%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (58%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 576B6A 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 576B6A by changing the saturation by 10% instead.



■ 576B6A

■ 576B6A

FFFFFF

■ 3F5352

■ 899E9D

■ 293C3B

■ A4B9B8

■ 142625

■ BFD5D4

■ 001210

■ DBF1F0

■ 000000

■ F7FFFF

■ 576B6A

■ 576B6A

■ 4C6B69

■ 626B6B

■ 426B69

■ 6C6B6B

376B68

776B6C

2C6B68

826B6C

226B67

8D6B6D

176B67

976B6D

0C6B66

A26B6E

016B66

AD6B6E

006B66

B76B6F

# Harmonies

## Analogous

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



5B6B63



576B6A



576A70

# Triad

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



576B6A



6C6471



70655B

# Complementary

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



576B6A



6B5758

# 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.



74645E



576B6A



72636B

# Square

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



576B6A



646774



756364



69685A

# Rectangle

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



576B6A



5A6973



756364



72655C



# Sweetspot

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



576B6A



848C8C



586B57



424747



C7C7C7



474747



# Same Dimension

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



576B6A



6D8C8B



57626B



303635



00756F



00F5E9



# Inverse Universe

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



6B5758



8C6D6F



6B6057



363030



750006



F5000C



# Previews

## White Background



This preview shows how the Hex color 576B6A looks on a white background.

## Color Contrast Check

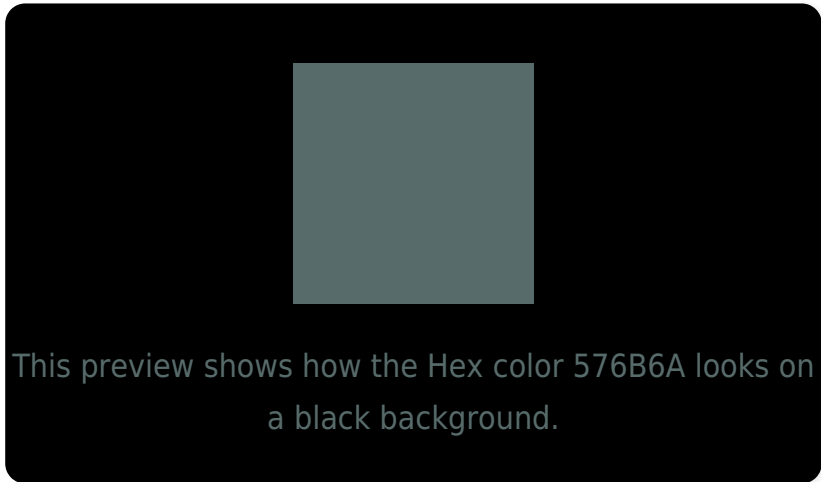
Large Text (above 18pt) WCAG AA ✓ Pass

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

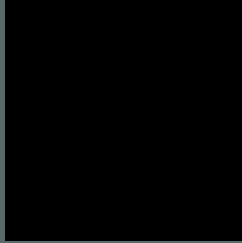
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 576B6A Background



This preview shows how black text looks on a background with the Hex color 576B6A.



This preview shows how white text looks on a background with the Hex color 576B6A.

# 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**  
576B6A

**Protanopia**  
686667

**Deuteranopia**  
6F646B



**Tritanopia**  
596A72

# Trichromacy



**Original Color**

576B6A

**Protanomaly**

626868

**Deuteranomaly**

66676B

**Tritanomaly**

586A6F

# Monochromacy



**Original Color**

576B6A

**Achromatopsia**

656565

**Achromatomaly**

606767

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 576B6A 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 #576B6A looks like.

```
.text, #text, p{  
    color:#576B6A  
}
```

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 #576B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576B6A
}
```

## Border

The CSS property to change the border of an element to Hex 576B6A 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
#576B6A }
```

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

```
.border{ border-color:#576B6A }
```

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

Here you see how a box with a 4 pixel #576B6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576B6A; -webkit-box-shadow:4px 4px  
4px 4px #576B6A; box-shadow:4px 4px 4px  
4px #576B6A }
```

# Background

The CSS property to change the background color of an element to Hex 576B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576B6A }
```

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

```
.background{ background-color:#576B6A }
```

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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