

Converting Colors

Hex(584B6E)

Have a look what the booklet for
Hex(584B6E) contains.

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Color

Hex(584B6E)

Conversions

Conversions Part 1

Format	Color
Hex	584B6E
RGB	88, 75, 110
RGB Percent	35%, 29%, 43%
CMY	0.6549, 0.7059, 0.5686
CMYK	0.20, 0.32, 0.00, 0.57
HSL	262°, 19%, 36%
HSV	262°, 32%, 43%
XYZ	9.3551, 8.2327, 15.8478
YIQ	82.8770, -3.4870, 13.6410

Conversions

Conversions Part 2

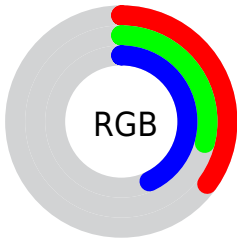
Format	Color
R _Y B	88, 75, 110
Decimal	5786478
CIE Lab	34.46, 13.34, -18.20
CIE LCh	34, 22.567, 306.247
Yxy	8.2327, 0.2798, 0.2462
Android (android.graphics.Color)	4283976558 (0xFF584B6E)
YUV	82.8770, 13.3716, 4.4929
Hunter-Lab	28.6926, 7.9868, -12.6630

Details

The Hex color **584B6E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **616E4B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8A7CA2**, and **2A1F3E** is the 20% darker color. If you saturate the color by 10%, you get **51406E**, and if you desaturate by 10%, it is **5F566E**.

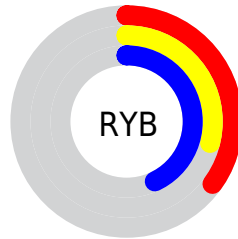
Distribution



Red (35%)

Green (29%)

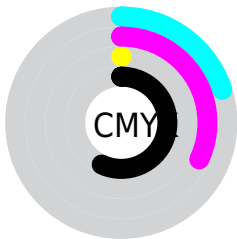
Blue (43%)



Red (35%)

Yellow (29%)

Blue (43%)

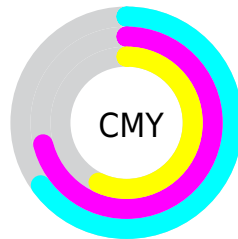


Cyan (20%)

Magenta (32%)

Yellow (0%)

Black (57%)



Cyan (65%)

Magenta (71%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584B6E 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 584B6E by changing the saturation by 10% instead.

■ 584B6E

■ 584B6E

FFFFFF

■ 403456

■ 8A7CA2

■ 2A1F3E

■ A596BD

■ 160828

■ C0B0D9

■ 000113

■ DCCCF5

■ 000000

■ F9E8FF

■ 584B6E

■ 584B6E

■ 51406E

■ 5F566E

■ 4A356E

■ 66616E

432A6E

6D6C6E

3C1F6E

74776E

35146E

7B826E

2F096E

818D6E

29006E

88986E

8FA36E

96AE6E

Harmonies

Analogous

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



3D5275



584B6E



6B4560

Triad

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



584B6E



694B31



165B54

Complementary

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



584B6E



616E4B

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.



305942



584B6E



59512D

Square

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



584B6E



72453D



465633



005A66

Rectangle

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



584B6E



724354



465633



1F5A4E

Sweetspot

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



584B6E



86818F



4B616E



423F47



C7C7C7



474747

Same Dimension

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



584B6E



6D598F



694B6E



353238



2D0078



5C00F7

Inverse Universe

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



6E4B61



8F597B



506E4B



383236



78004B



F7009B

Previews

White Background



This preview shows how the Hex color 584B6E looks on a white background.

Color Contrast Check

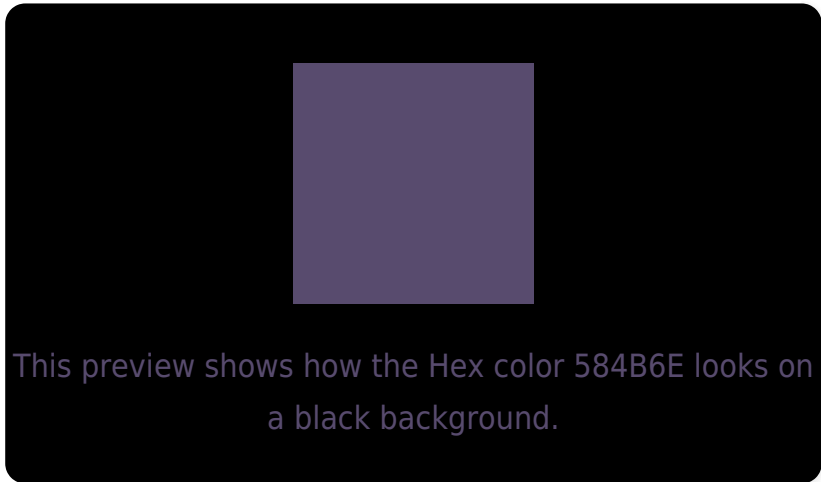
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

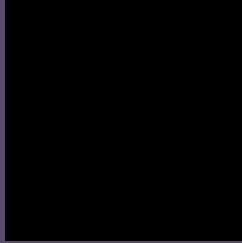
Any Text WCAG AA × Fail

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 584B6E Background



This preview shows how black text looks on a background with the Hex color 584B6E.

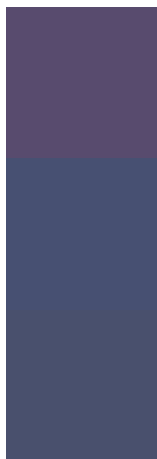


This preview shows how white text looks on a background with the Hex color 584B6E.

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
584B6E

Protanopia
475072

Deuteranopia
49506D



Tritanopia
545056

Trichromacy



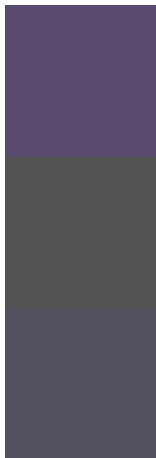
Original Color
584B6E

Protanomaly
4D4E71

Deuteranomaly
4E4E6D

Tritanomaly
554E5F

Monochromacy



Original Color
584B6E

Achromatopsia
535353

Achromatomaly
55505D

CSS Examples

Text

The CSS property to change the color of the text to Hex 584B6E 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 #584B6E looks like.

```
.text, #text, p{  
    color:#584B6E  
}
```

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 #584B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584B6E
}
```

Border

The CSS property to change the border of an element to Hex 584B6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

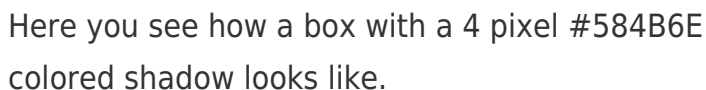
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584B6E }
```

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

```
.border{ border-color:#584B6E }
```

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



Here you see how a box with a 4 pixel #584B6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584B6E; -webkit-box-shadow:4px 4px  
4px 4px #584B6E; box-shadow:4px 4px 4px  
4px #584B6E }
```

Background

The CSS property to change the background color of an element to Hex 584B6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584B6E }
```

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

```
.background{ background-color:#584B6E }
```

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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