

Converting Colors

Hex(584E6B)

Have a look what the booklet for
Hex(584E6B) contains.

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Color

Hex(584E6B)

Conversions

Conversions Part 1

Format	Color
Hex	584E6B
RGB	88, 78, 107
RGB Percent	35%, 31%, 42%
CMY	0.6549, 0.6941, 0.5804
CMYK	0.18, 0.27, 0.00, 0.58
HSL	261°, 16%, 36%
HSV	261°, 27%, 42%
XYZ	9.4027, 8.5850, 15.0714
YIQ	84.2960, -3.3490, 11.1390

Conversions

Conversions Part 2

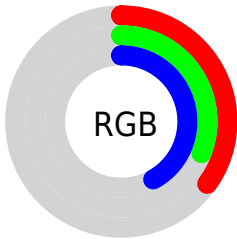
Format	Color
RYB	88, 78, 107
Decimal	5787243
CIELab	35.17, 10.67, -15.23
CIELCh	35, 18.597, 305.029
Yxy	8.5850, 0.2844, 0.2597
Android (android.graphics.Color)	4283977323 (0xFF584E6B)
YUV	84.2960, 11.1931, 3.2484
Hunter-Lab	29.3002, 6.0071, -9.9874

Details

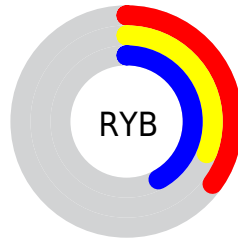
The Hex color **584E6B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **616B4E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8A7F9E**, and **2A223C** is the 20% darker color. If you saturate the color by 10%, you get **51436B**, and if you desaturate by 10%, it is **5F596B**.

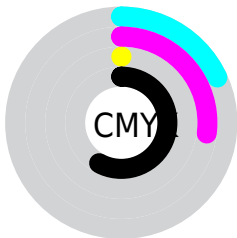
Distribution



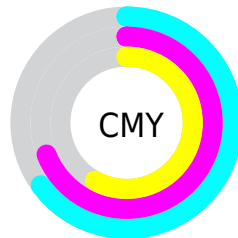
- Red (35%)
- Green (31%)
- Blue (42%)



- Red (35%)
- Yellow (31%)
- Blue (42%)



- Cyan (18%)
- Magenta (27%)
- Yellow (0%)
- Black (58%)



- Cyan (65%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584E6B 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 584E6B by changing the saturation by 10% instead.

■ 584E6B

■ 584E6B

FFFFFF

■ 403753

■ 8A7F9E

■ 2A223C

■ A599B9

■ 160C26

■ C0B4D5

■ 000110

■ DCCFF2

■ 000000

■ F8ECFF

■ 584E6B

■ 584E6B

■ 51436B

■ 5F596B

■ 4A396B

■ 66636B

432E6B

6D6E6B

3C236B

74796B

35186B

7B846B

2E0E6B

828E6B

27036B

89996B

25006B

90A46B

97AE6B

Harmonies

Analogous

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



435370



584E6B



684960

Triad

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



584E6B



684E38



295B55

Complementary

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



584E6B



616B4E

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.



395A46



584E6B



5B5335

Square

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



584E6B



6F4942



4B573A



225A63

Rectangle

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



584E6B



6E4856



4B573A



2E5B50

Sweetspot

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



584E6B



85818C



4E616B



434047



C7C7C7



474747

Same Dimension

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



584E6B



6E5E8C



664E6B



323036



280075



5400F5

Inverse Universe

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



6B4E61



8C5E7C



536B4E



363034



75004D



F500A0

Previews

White Background



This preview shows how the Hex color 584E6B looks on a white background.

Color Contrast Check

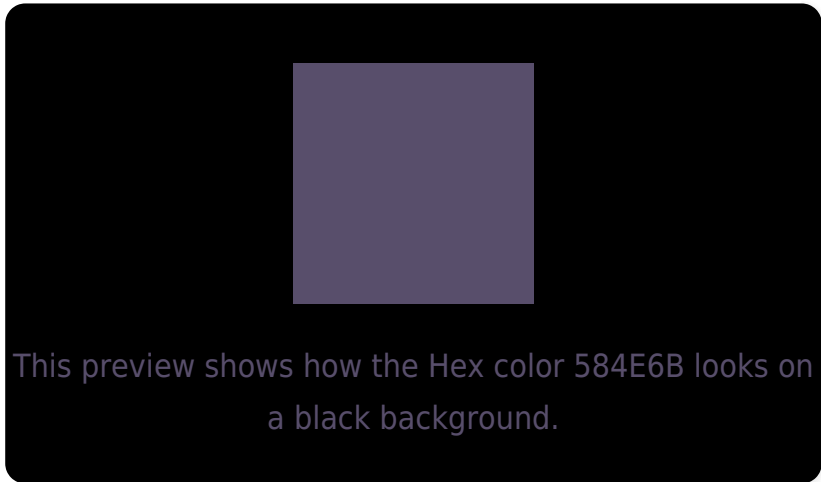
Large Text (above 18pt) WCAG AA ✓ Pass

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

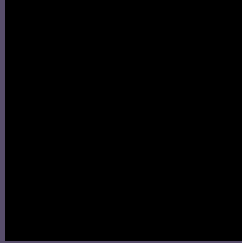
Any Text WCAG AA × Fail

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 584E6B Background



This preview shows how black text looks on a background with the Hex color 584E6B.

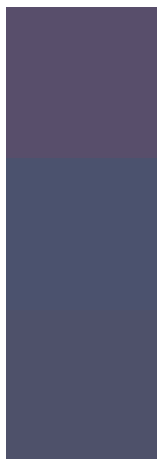


This preview shows how white text looks on a background with the Hex color 584E6B.

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
584E6B

Protanopia
4B526E

Deuteranopia
4E516A



Tritanopia
555258

Trichromacy



Original Color

584E6B

Protanomaly

50516D

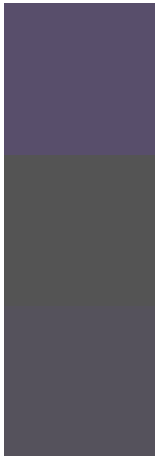
Deuteranomaly

52506A

Tritanomaly

56515F

Monochromacy



Original Color

584E6B

Achromatopsia

545454

Achromatomaly

55525C

CSS Examples

Text

The CSS property to change the color of the text to Hex 584E6B 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 #584E6B looks like.

```
.text, #text, p{  
    color:#584E6B  
}
```

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 #584E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584E6B
}
```

Border

The CSS property to change the border of an element to Hex 584E6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

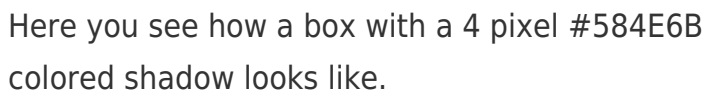
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584E6B }
```

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

```
.border{ border-color:#584E6B }
```

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



Here you see how a box with a 4 pixel #584E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584E6B; -webkit-box-shadow:4px 4px  
4px 4px #584E6B; box-shadow:4px 4px 4px  
4px #584E6B }
```

Background

The CSS property to change the background color of an element to Hex 584E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584E6B }
```

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

```
.background{ background-color:#584E6B }
```

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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