

Converting Colors

Hex(584670)

Have a look what the booklet for
Hex(584670) contains.

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Color

Hex(584670)

Conversions

Conversions Part 1

Format	Color
Hex	584670
RGB	88, 70, 112
RGB Percent	35%, 27%, 44%
CMY	0.6549, 0.7255, 0.5608
CMYK	0.21, 0.37, 0.00, 0.56
HSL	266°, 23%, 36%
HSV	266°, 37%, 44%
XYZ	9.1393, 7.6249, 16.3193
YIQ	80.1700, -2.7540, 16.8780

Conversions

Conversions Part 2

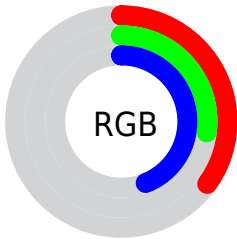
Format	Color
R_{YB}	88, 70, 112
Decimal	5785200
CIE _{Lab}	33.19, 17.04, -21.43
CIE _{LCh}	33, 27.380, 308.499
Yxy	7.6249, 0.2762, 0.2305
Android (android.graphics.Color)	4283975280 (0xFF584670)
YUV	80.1700, 15.6922, 6.8669
Hunter-Lab	27.6132, 10.7561, -15.7109

Details

The Hex color **584670** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E7046**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8B77A4**, and **291A40** is the 20% darker color. If you saturate the color by 10%, you get **523B70**, and if you desaturate by 10%, it is **5E5170**.

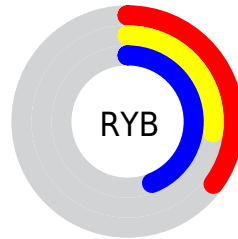
Distribution



Red (35%)

Green (27%)

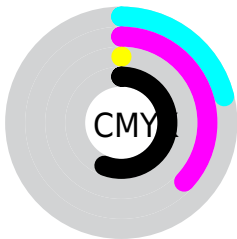
Blue (44%)



Red (35%)

Yellow (27%)

Blue (44%)

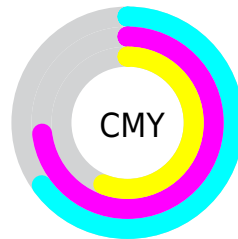


Cyan (21%)

Magenta (37%)

Yellow (0%)

Black (56%)



Cyan (65%)

Magenta (73%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584670 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 584670 by changing the saturation by 10% instead.

■ 584670

■ 584670

FFFFFF

■ 402F57

■ 8B77A4

■ 291A40

■ A590BF

■ 16012A

■ C1ABDB

■ 000114

■ DDC6F8

■ 000000

■ F9E2FF

■ 584670

■ 584670

■ 523B70

■ 5E5170

■ 4B3070

■ 655C70

452470

6B6870

3E1970

727370

380E70

787E70

320370

7E8970

300070

859470

8BA070

92AB70

Harmonies

Analogous

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



364E79



584670



6E3F5E

Triad

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



584670



684726



005954

Complementary

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



584670



5E7046

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.



20583D



584670



554F22

Square

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



584670



744034



3E552B



005868

Rectangle

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



584670



753C50



3E552B



00594C

Sweetspot

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



584670



888191



465F70



44404A



C9C9C9



4A4A4A

Same Dimension

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



584670



6C5091



6C4670



353238



330078



6A00F7

Inverse Universe

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



70465E



915075



4A7046



383236



780044



F7008D

Previews

White Background



This preview shows how the Hex color 584670 looks on a white background.

Color Contrast Check

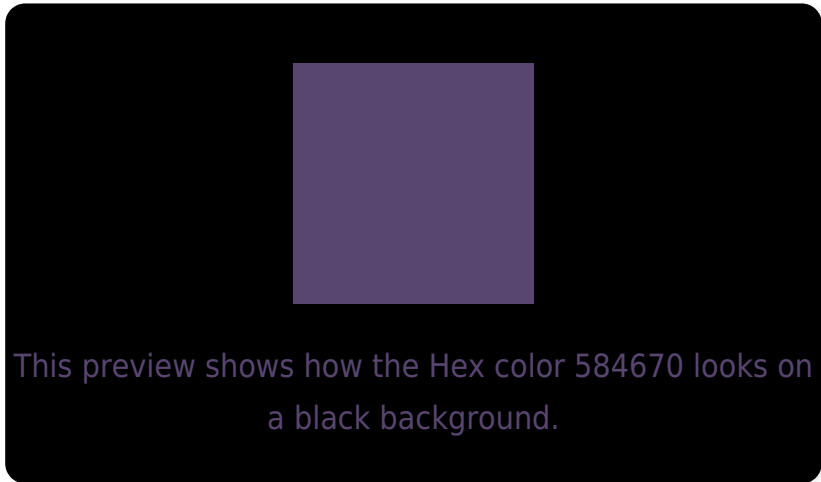
Large Text (above 18pt) WCAG AA ✓ Pass

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

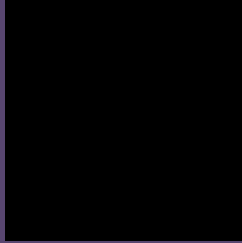
Any Text WCAG AA × Fail

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 584670 Background



This preview shows how black text looks on a background with the Hex color 584670.

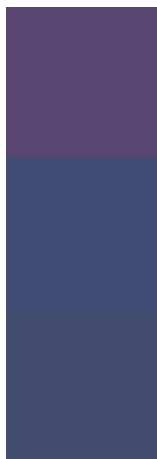


This preview shows how white text looks on a background with the Hex color 584670.

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
584670

Protanopia
404D76

Deuteranopia
434D6E



Tritanopia
534C52

Trichromacy



Original Color
584670

Protanomaly
494A74

Deuteranomaly
4B4A6F

Tritanomaly
554A5D

Monochromacy



Original Color
584670

Achromatopsia
505050

Achromatomaly
534C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 584670 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 #584670 looks like.

```
.text, #text, p{  
    color:#584670  
}
```

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 #584670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584670
}
```

Border

The CSS property to change the border of an element to Hex 584670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

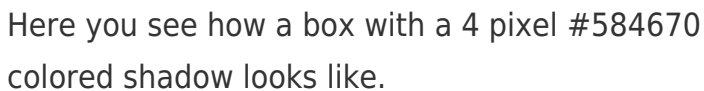
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584670 }
```

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

```
.border{ border-color:#584670 }
```

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



Here you see how a box with a 4 pixel #584670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584670; -webkit-box-shadow:4px 4px  
4px 4px #584670; box-shadow:4px 4px 4px  
4px #584670 }
```

Background

The CSS property to change the background color of an element to Hex 584670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584670 }
```

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

```
.background{ background-color:#584670 }
```

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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