

# Converting Colors

Hex(584875)

Have a look what the booklet for  
Hex(584875) contains.

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# Color

Hex(584875)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	584875
RGB	88, 72, 117
RGB Percent	35%, 28%, 46%
CMY	0.6549, 0.7176, 0.5412
CMYK	0.25, 0.38, 0.00, 0.54
HSL	261°, 24%, 37%
HSV	261°, 38%, 46%
XYZ	9.5528, 7.9938, 17.8691
YIQ	81.9140, -4.9090, 17.3870

# Conversions

## Conversions Part 2

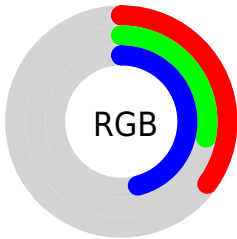
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	88, 72, 117
Decimal	5785717
CIE Lab	33.97, 17.08, -23.34
CIE LCh	34, 28.927, 306.195
Yxy	7.9938, 0.2697, 0.2257
Android (android.graphics.Color)	4283975797 (0xFF584875)
YUV	81.9140, 17.2974, 5.3374
Hunter-Lab	28.2733, 10.8319, -17.6808

# Details

The Hex color **584875** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **657548**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8B79A9**, and **291C44** is the 20% darker color. If you saturate the color by 10%, you get **503C75**, and if you desaturate by 10%, it is **605475**.

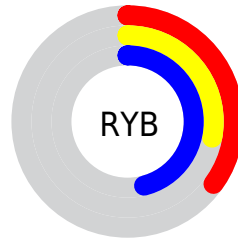
# Distribution



Red (35%)

Green (28%)

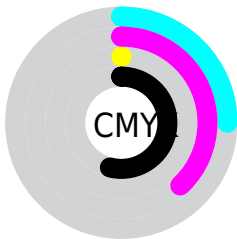
Blue (46%)



Red (35%)

Yellow (28%)

Blue (46%)

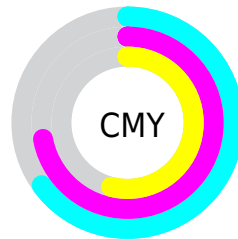


Cyan (25%)

Magenta (38%)

Yellow (0%)

Black (54%)



Cyan (65%)

Magenta (72%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 584875 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 584875 by changing the saturation by 10% instead.



■ 584875

■ 584875

FFFFFF

■ 40315C

■ 8B79A9

■ 291C44

■ A592C5

■ 14042E

■ C1ADE1

■ 000119

■ DDC8FD

■ 000000

■ FAE5FF

■ 584875

■ 584875

■ 503C75

■ 605475

■ 493175

■ 675F75

412575

6F6B75

3A1975

767775

320E75

7E8375

2B0275

858E75

2A0075

8D9A75

94A675

9CB175

# Harmonies

## Analogous

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



31517D



584875



704063

# Triad

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



584875



6C4826



005C54

# Complementary

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



584875



657548

# 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.



215A3D



584875



595021

# Square

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



584875



794036



415629



005B6A

# Rectangle

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



584875



793D54



415629



005B4C



# Sweetspot

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



584875



8D8799



486575



46424D



CCCCCC



4D4D4D



# Same Dimension

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



584875



6C5399



6E4875



37353B



2C007A



5900FA



# Inverse Universe

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



754865



995380



4F7548



3B3539



7A004F



FA00A1



# Previews

## White Background



This preview shows how the Hex color 584875 looks on a white background.

## Color Contrast Check

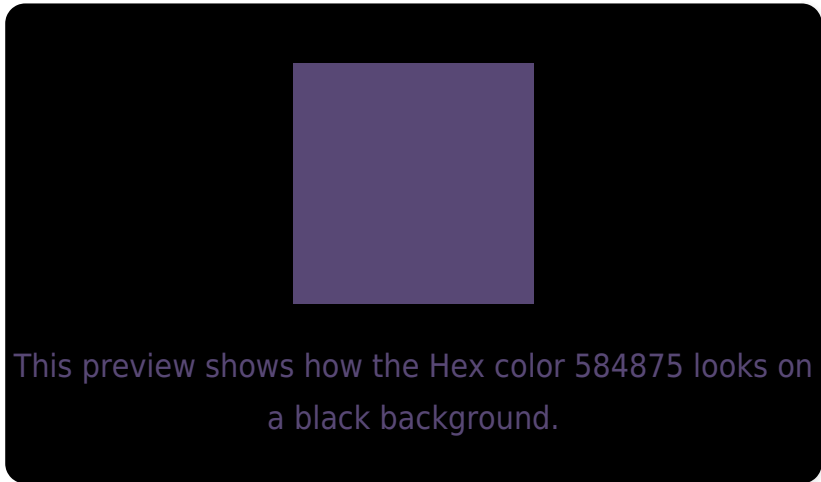
Large Text (above 18pt) WCAG AA ✓ Pass

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

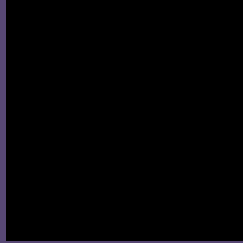
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 584875 Background



This preview shows how black text looks on a background with the Hex color 584875.



This preview shows how white text looks on a background with the Hex color 584875.

# 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**  
584875

**Protanopia**  
404F7B

**Deuteranopia**  
424F73



**Tritanopia**  
524F55

# Trichromacy



**Original Color**  
584875

**Protanomaly**  
494C79

**Deuteranomaly**  
4A4C74

**Tritanomaly**  
544C61

# Monochromacy



**Original Color**  
584875

**Achromatopsia**  
525252

**Achromatomaly**  
544E5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 584875 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 #584875 looks like.

```
.text, #text, p{  
    color:#584875  
}
```

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 #584875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584875  
}
```

## Border

The CSS property to change the border of an element to Hex 584875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

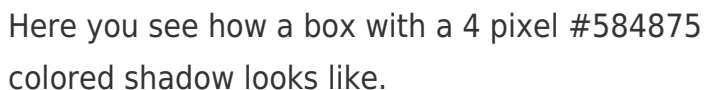
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#584875 }
```

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

```
.border{ border-color:#584875 }
```

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



Here you see how a box with a 4 pixel #584875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584875; -webkit-box-shadow:4px 4px  
4px 4px #584875; box-shadow:4px 4px 4px  
4px #584875 }
```

# Background

The CSS property to change the background color of an element to Hex 584875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584875 }
```

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

```
.background{ background-color:#584875 }
```

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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