

# Converting Colors

Hex(5B585D)

Have a look what the booklet for  
Hex(5B585D) contains.

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# Color

Hex(5B585D)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B585D
RGB	91, 88, 93
RGB Percent	36%, 35%, 36%
CMY	0.6431, 0.6549, 0.6353
CMYK	0.02, 0.05, 0.00, 0.64
HSL	276°, 3%, 35%
HSV	276°, 5%, 36%
XYZ	9.7799, 9.9939, 11.7695
YIQ	89.4670, 0.1830, 2.1910

# Conversions

## Conversions Part 2

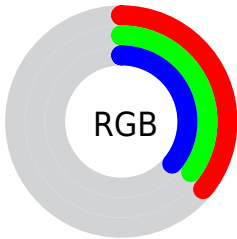
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 88, 93
Decimal	5986397
CIE Lab	37.83, 2.27, -2.46
CIE LCh	38, 3.343, 312.663
Yxy	9.9939, 0.3100, 0.3168
Android (android.graphics.Color)	4284176477 (0xFF5B585D)
YUV	89.4670, 1.7418, 1.3444
Hunter-Lab	31.6131, -0.1020, 0.0557

# Details

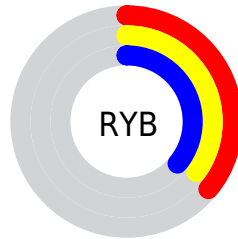
The Hex color **5B585D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A5D58**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8D8A8F**, and **2D2B2F** is the 20% darker color. If you saturate the color by 10%, you get **574F5D**, and if you desaturate by 10%, it is **5F615D**.

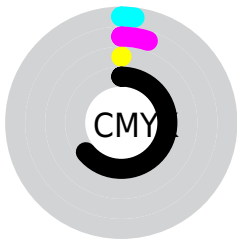
# Distribution



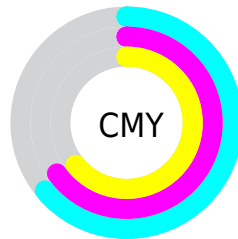
- Red (36%)
- Green (35%)
- Blue (36%)



- Red (36%)
- Yellow (35%)
- Blue (36%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (64%)



- Cyan (64%)
- Magenta (65%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B585D 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 5B585D by changing the saturation by 10% instead.



■ 5B585D

■ 5B585D

FFFFFF

■ 444145

■ 8D8A8F

■ 2D2B2F

■ A7A4AA

■ 19161A

■ C3BFC5

■ 000000

■ DFDBE1

■ FBF8FE

■ 5B585D

■ 5B585D

■ 574F5D

■ 5F615D

■ 54455D

■ 626B5D

■ 503C5D

■ 66745D

■ 4C335D

■ 6A7D5D

■ 482A5D

■ 6E875D

■ 45205D

■ 71905D

■ 41175D

■ 75995D

■ 3D0E5D

■ 79A25D

■ 3A045D

■ 7CAC5D

# Harmonies

## Analogous

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



58595E



5B585D



5E575B

# Triad

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



5B585D



5D5854



535B5A

# Complementary

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



5B585D



5A5D58

# 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.



545B57



5B585D



5A5954

# Square

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



5B585D



5F5855



575A55



535A5D

# Rectangle

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



5B585D



5F5759



575A55



535B59



# Sweetspot

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



5B585D



777578



585A5D



3D3C3D



BDBDBD



3D3D3D



# Same Dimension

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



5B585D



757178



5D585D



2D2B2E



42006E



8E00ED



# Inverse Universe

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



5D585A



787174



585D59



2E2B2C



6E002C



ED005F



# Previews

## White Background



This preview shows how the Hex color 5B585D looks on a white background.

## Color Contrast Check

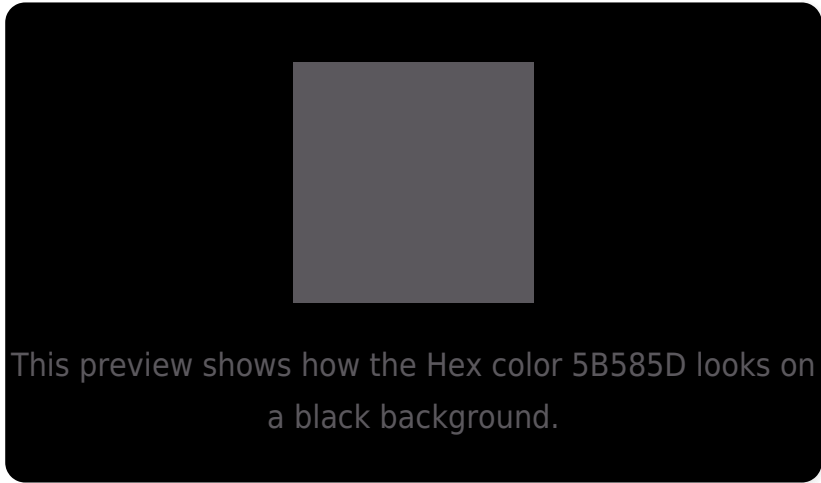
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

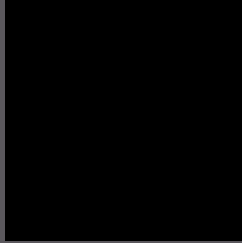
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

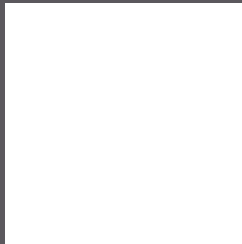
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B585D Background



This preview shows how black text looks on a background with the Hex color 5B585D.



This preview shows how white text looks on a background with the Hex color 5B585D.

# 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**  
5B585D

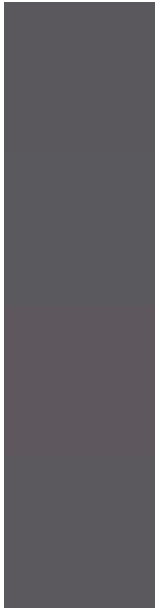
**Protanopia**  
59595D

**Deuteranopia**  
60565D



**Tritanopia**  
5B585F

# Trichromacy



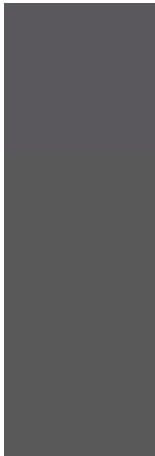
**Original Color**  
5B585D

**Protanomaly**  
5A595D

**Deuteranomaly**  
5E575D

**Tritanomaly**  
5B585E

# Monochromacy



**Original Color**  
5B585D

**Achromatopsia**  
595959

**Achromatomaly**  
5A595A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B585D 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 #5B585D looks like.

```
.text, #text, p{  
    color:#5B585D  
}
```

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 #5B585D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B585D
}
```

## Border

The CSS property to change the border of an element to Hex 5B585D is called "border". The border property can be set on classes, ids or directly on the HTML element.

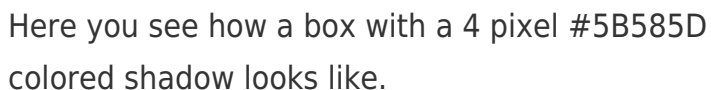
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B585D }
```

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

```
.border{ border-color:#5B585D }
```

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



Here you see how a box with a 4 pixel #5B585D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B585D; -webkit-box-shadow:4px 4px  
4px 4px #5B585D; box-shadow:4px 4px 4px  
4px #5B585D }
```

# Background

The CSS property to change the background color of an element to Hex 5B585D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B585D }
```

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

```
.background{ background-color:#5B585D }
```

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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