

# Converting Colors

Hex(5E535B)

Have a look what the booklet for  
Hex(5E535B) contains.

<b>Hex(5E535B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5E535B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E535B
RGB	94, 83, 91
RGB Percent	37%, 33%, 36%
CMY	0.6314, 0.6745, 0.6431
CMYK	0.00, 0.12, 0.03, 0.63
HSL	316°, 6%, 35%
HSV	316°, 12%, 37%
XYZ	9.5977, 9.3215, 11.1909
YIQ	87.2010, 3.9880, 4.8200

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 83, 91
Decimal	6181723
CIE Lab	36.60, 6.13, -3.00
CIE LCh	37, 6.822, 333.902
Yxy	9.3215, 0.3188, 0.3096
Android (android.graphics.Color)	4284371803 (0xFF5E535B)
YUV	87.2010, 1.8729, 5.9627
Hunter-Lab	30.5312, 2.6831, -0.3604

# Details

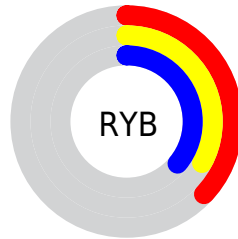
The Hex color **5E535B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **535E56**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **90848D**, and **30262D** is the 20% darker color. If you saturate the color by 10%, you get **5E4A58**, and if you desaturate by 10%, it is **5E5C5E**.

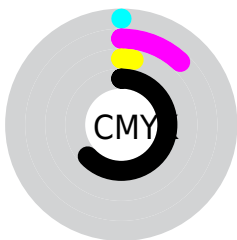
# Distribution



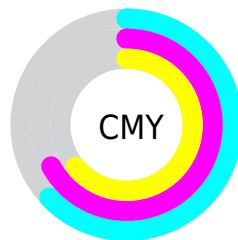
- Red (37%)
- Green (33%)
- Blue (36%)



- Red (37%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (63%)



- Cyan (63%)
- Magenta (67%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E535B 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 5E535B by changing the saturation by 10% instead.





5E535B



5E535B

FFFFFF



463C44



90848D



30262D



AB9FA7



1B1219



C6BAC3



000000



E2D5DF



FFF2FB



5E535B



5E535B



5E4A58



5E5C5E



5E4056



5E6660

■ 5E3753

■ 5E6F63

■ 5E2D51

■ 5E7965

■ 5E244E

■ 5E8268

■ 5E1B4C

■ 5E8B6A

■ 5E1149

■ 5E956D

■ 5E0846

■ 5E9E70

■ 5E0044

■ 5EA872

# Harmonies

## Analogous

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



58545F



5E535B



615256

# Triad

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



5E535B



5A564B



48595C

# Complementary

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



5E535B



535E56

# 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.



495957



5E535B



54584D

# Square

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



5E535B



5F544C



4E5951



4B5860

# Rectangle

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



5E535B



625352



4E5951



48595A



# Sweetspot

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



5E535B



7A7679



56535E



3D3A3C



BDBDBD



3D3D3D



# Same Dimension

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



5E535B



7A6976



5E5356



2E292D



6E0050



ED00AC



# Inverse Universe

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



5E535B



7A6976



535E5B



2E292D



6E0050



ED00AC



# Previews

## White Background



This preview shows how the Hex color 5E535B looks on a white background.

## Color Contrast Check

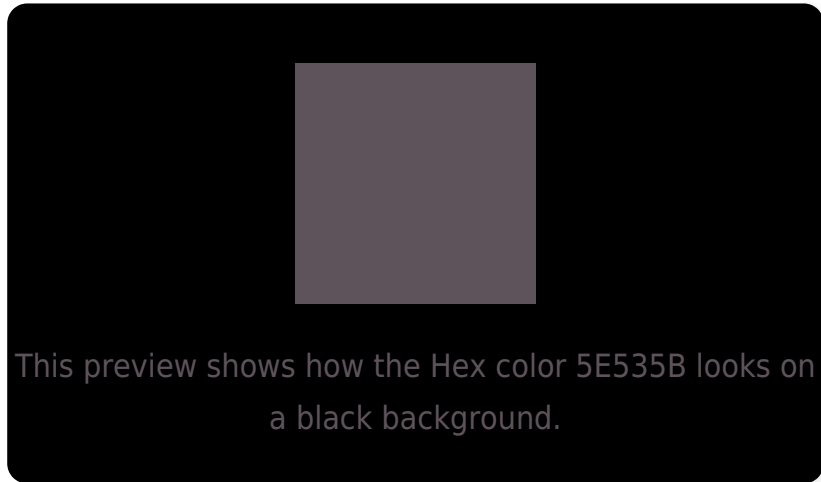
Large Text (above 18pt) WCAG AA ✓ Pass

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

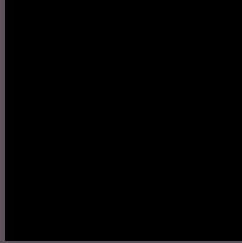
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E535B Background



This preview shows how black text looks on a background with the Hex color 5E535B.



This preview shows how white text looks on a background with the Hex color 5E535B.

# 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](#).

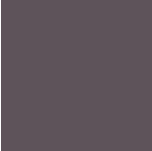
## Dichromacy



**Original Color**  
5E535B

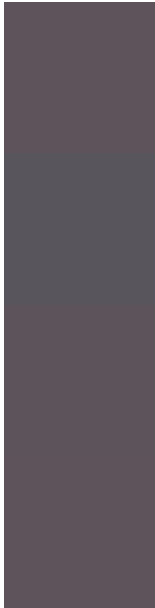
**Protanopia**  
56565D

**Deuteranopia**  
5C545B



**Tritanopia**  
5E535A

# Trichromacy



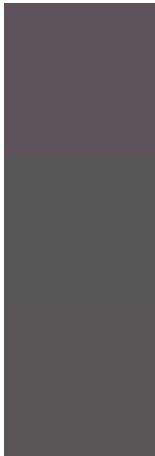
**Original Color**  
5E535B

**Protanomaly**  
59555C

**Deuteranomaly**  
5D545B

**Tritanomaly**  
5E535A

# Monochromacy



**Original Color**  
5E535B

**Achromatopsia**  
575757

**Achromatomaly**  
5A5658

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E535B 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 #5E535B looks like.

```
.text, #text, p{  
    color:#5E535B  
}
```

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 #5E535B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E535B
}
```

## Border

The CSS property to change the border of an element to Hex 5E535B 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
#5E535B }
```

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

```
.border{ border-color:#5E535B }
```

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

Here you see how a box with a 4 pixel #5E535B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E535B; -webkit-box-shadow:4px 4px  
4px 4px #5E535B; box-shadow:4px 4px 4px  
4px #5E535B }
```

# Background

The CSS property to change the background color of an element to Hex 5E535B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E535B }
```

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

```
.background{ background-color:#5E535B }
```

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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