

# Converting Colors

Hex(5D5B5F)

Have a look what the booklet for  
Hex(5D5B5F) contains.

<b>Hex(5D5B5F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	22
<i><b>Color Blindness Simulation</b></i> .....	25
<i><b>CSS Examples</b></i> .....	28

# Color

Hex(5D5B5F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D5B5F
RGB	93, 91, 95
RGB Percent	36%, 36%, 37%
CMY	0.6353, 0.6431, 0.6275
CMYK	0.02, 0.04, 0.00, 0.63
HSL	270°, 2%, 36%
HSV	270°, 4%, 37%
XYZ	10.3208, 10.6356, 12.3354
YIQ	92.0540, -0.0920, 1.6680

# Conversions

## Conversions Part 2

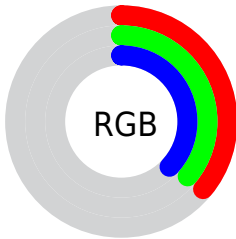
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 91, 95
Decimal	6118239
CIELab	38.96, 1.65, -2.02
CIELCh	39, 2.602, 309.212
Yxy	10.6356, 0.3100, 0.3195
Android (android.graphics.Color)	4284308319 (0xFF5D5B5F)
YUV	92.0540, 1.4524, 0.8296
Hunter-Lab	32.6122, -0.5811, 0.4024

# Details

The Hex color **5D5B5F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D5F5B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8F8D91**, and **2F2D31** is the 20% darker color. If you saturate the color by 10%, you get **58525F**, and if you desaturate by 10%, it is **62655F**.

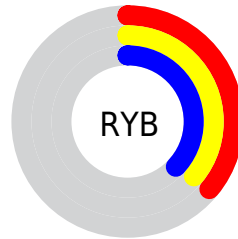
# Distribution



Red (36%)

Green (36%)

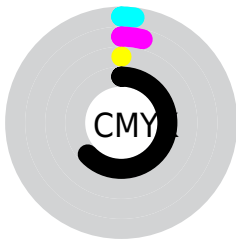
Blue (37%)



Red (36%)

Yellow (36%)

Blue (37%)

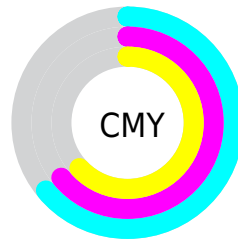


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (63%)



Cyan (64%)

Magenta (64%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D5B5F 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 5D5B5F by changing the saturation by 10% instead.





5D5B5F



5D5B5F

FFFFFF



454447



8F8D91



2F2D31



AAA7AC



1A191C



C5C3C7



000001



E1DFE3



000000



FEFBFF



5D5B5F



5D5B5F



58525F



62655F



53485F



676E5F

■ 4F3F5F

■ 6B785F

■ 4A355F

■ 70815F

■ 452C5F

■ 758B5F

■ 40225F

■ 7A945F

■ 3C185F

■ 7E9E5F

■ 370F5F

■ 83A75F

■ 32055F

■ 88B15F

# Harmonies

## Analogous

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



5A5C60



5D5B5F



5F5B5D

# Triad

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



5D5B5F



5F5B58



575D5C

# Complementary

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



5D5B5F



5D5F5B

# 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.



585D5A



5D5B5F



5D5C58

# Square

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



5D5B5F



605B59



5A5C58



575D5E

# Rectangle

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



5D5B5F



605A5C



5A5C58



575D5C



# Sweetspot

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



5D5B5F



7A797A



5B5D5F



3D3D3D



BDBDBD

# Same Dimension

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



5D5B5F



77747A



5F5B5F



2F2E30



380070



7800F0



# Inverse Universe

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



5F5B5D



7A7477



5B5F5B



302E2F



700038



F00078



# Previews

## White Background



This preview shows how the Hex color 5D5B5F looks on a white background.

## Color Contrast Check

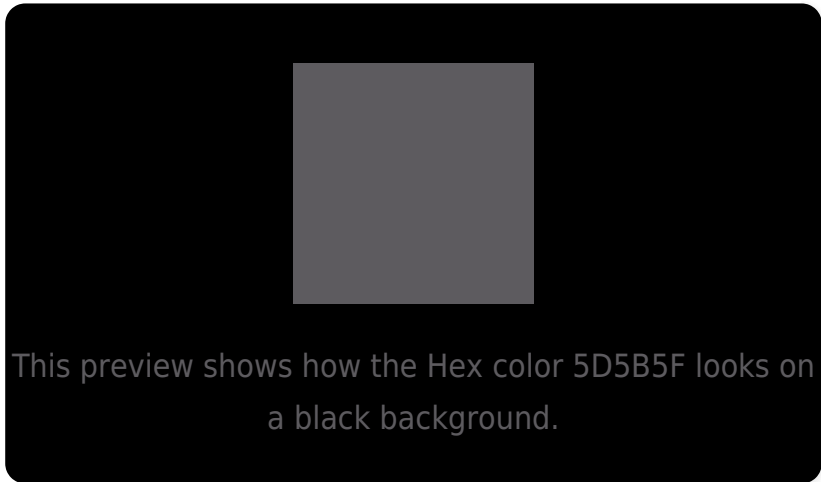
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

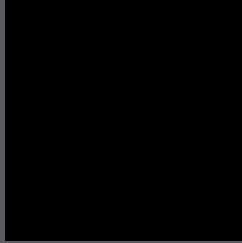
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

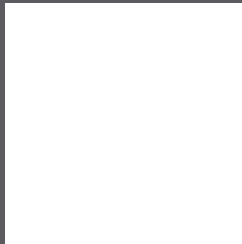
Any Text WCAG AAA × Fail

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

## Hex 5D5B5F Background



This preview shows how black text looks on a background with the Hex color 5D5B5F.



This preview shows how white text looks on a background with the Hex color 5D5B5F.



# 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**  
5D5B5F

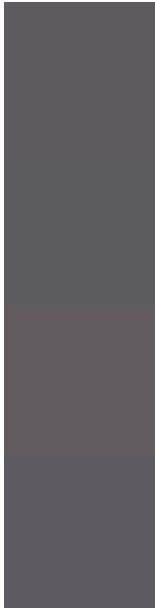
**Protanopia**  
5C5B5F

**Deuteranopia**  
63595F



**Tritanopia**  
5D5B62

# Trichromacy



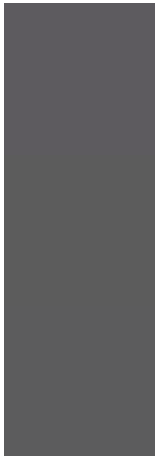
**Original Color**  
5D5B5F

**Protanomaly**  
5C5B5F

**Deuteranomaly**  
615A5F

**Tritanomaly**  
5D5B61

# Monochromacy



**Original Color**  
5D5B5F

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
5C5C5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D5B5F 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 #5D5B5F looks like.

```
.text, #text, p{  
    color:#5D5B5F  
}
```

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 #5D5B5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5B5F
}
```

## Border

The CSS property to change the border of an element to Hex 5D5B5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

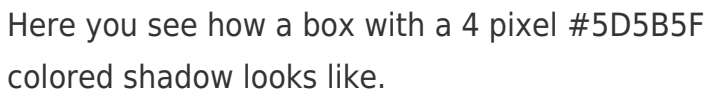
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D5B5F }
```

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

```
.border{ border-color:#5D5B5F }
```

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



Here you see how a box with a 4 pixel #5D5B5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5B5F; -webkit-box-shadow:4px 4px  
4px 4px #5D5B5F; box-shadow:4px 4px 4px  
4px #5D5B5F }
```

# Background

The CSS property to change the background color of an element to Hex 5D5B5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5B5F }
```

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

```
.background{ background-color:#5D5B5F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

@ConvertingColor