

# Converting Colors

Hex(5A5F5B)

Have a look what the booklet for  
Hex(5A5F5B) contains.

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# Color

**Hex(5A5F5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A5F5B
RGB	90, 95, 91
RGB Percent	35%, 37%, 36%
CMY	0.6471, 0.6275, 0.6431
CMYK	0.05, 0.00, 0.04, 0.63
HSL	132°, 3%, 36%
HSV	132°, 5%, 37%
XYZ	10.1970, 11.1134, 11.5052
YIQ	93.0490, -1.6960, -2.3040

# Conversions

## Conversions Part 2

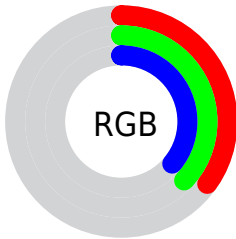
Format	Color
<b>R<sub>Y</sub>B</b>	90, 94, 95
Decimal	5922651
CIE Lab	39.77, -2.81, 1.60
CIE LCh	40, 3.235, 150.276
Yxy	11.1134, 0.3107, 0.3387
Android (android.graphics.Color)	4284112731 (0xFF5A5F5B)
YUV	93.0490, -1.0102, -2.6740
Hunter-Lab	33.3368, -3.7401, 2.8736

# Details

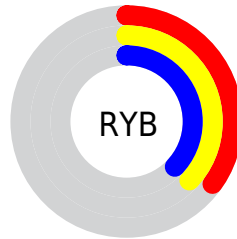
The Hex color **5A5F5B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F5A5E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8C918D**, and **2C312D** is the 20% darker color. If you saturate the color by 10%, you get **515F53**, and if you desaturate by 10%, it is **645F63**.

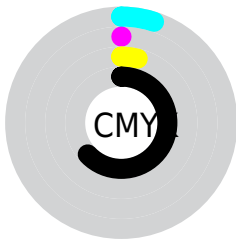
# Distribution



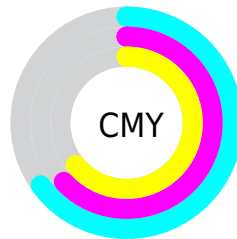
- Red (35%)
- Green (37%)
- Blue (36%)



- Red (35%)
- Yellow (37%)
- Blue (37%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (63%)



- Cyan (65%)
- Magenta (63%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A5F5B 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 5A5F5B by changing the saturation by 10% instead.





5A5F5B



5A5F5B

FFFFFF



434744



8C918D



2C312D



A6ACA7



181C19



C2C7C3



000000



DDE3DF



FAFFFB



5A5F5B



5A5F5B



515F53



645F63



475F4C



6D5F6A

■ 3E5F44

■ 775F72

■ 345F3D

■ 805F79

■ 2B5F35

■ 8A5F81

■ 215F2D

■ 935F89

■ 185F26

■ 9D5F90

■ 0E5F1E

■ A65F98

■ 055F17

■ B05F9F

# Harmonies

## Analogous

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



5D5E59



5A5F5B



585F5E

# Triad

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



5A5F5B



5B5E63



645C5B

# Complementary

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



5A5F5B



5F5A5E

# 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.



635C5E



5A5F5B



5E5D62

# Square

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



5A5F5B



595F62



615C60



625D59

# Rectangle

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



5A5F5B



575F5F



615C60



645C5C



# Sweetspot

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



5A5F5B



787A78



5E5F5A



3C3D3C



BDBDBD



3D3D3D



# Same Dimension

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



5A5F5B



737A75



5A5F5D



2D302E



007016



00F030



# Inverse Universe

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



5F5A5E



7A7379



5F5A5C



302D30



70005A



F000C0



# Previews

## White Background



This preview shows how the Hex color 5A5F5B looks on a white background.

## Color Contrast Check

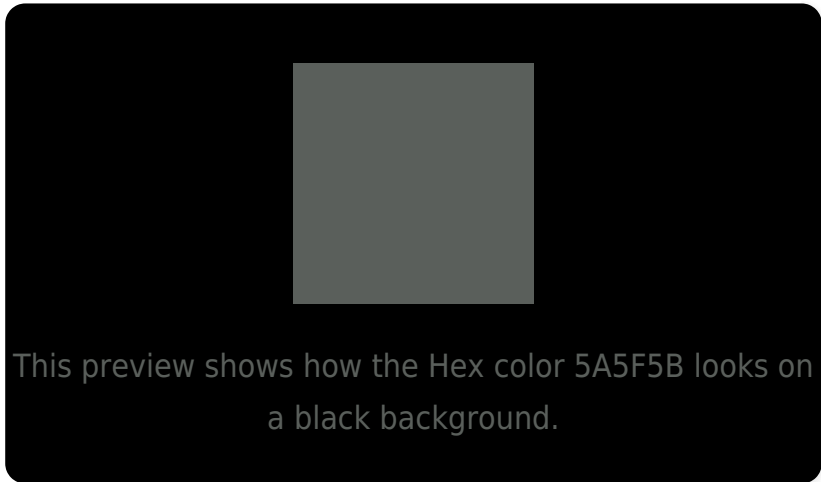
Large Text (above 18pt) WCAG AA ✓ Pass

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

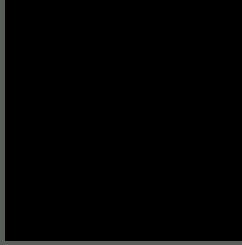
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A5F5B Background



This preview shows how black text looks on a background with the Hex color 5A5F5B.



This preview shows how white text looks on a background with the Hex color 5A5F5B.

# 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**  
5A5F5B

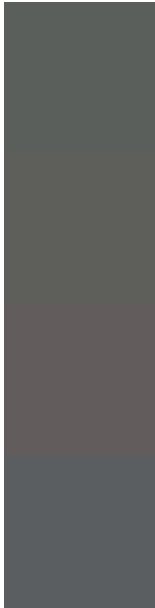
**Protanopia**  
605D5A

**Deuteranopia**  
675B5C



**Tritanopia**  
5C5E65

# Trichromacy



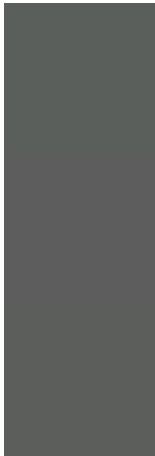
**Original Color**  
5A5F5B

**Protanomaly**  
5E5E5A

**Deuteranomaly**  
625C5C

**Tritanomaly**  
5B5E61

# Monochromacy



**Original Color**  
5A5F5B

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5C5E5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A5F5B 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 #5A5F5B looks like.

```
.text, #text, p{  
    color:#5A5F5B  
}
```

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 #5A5F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5F5B
}
```

## Border

The CSS property to change the border of an element to Hex 5A5F5B 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
#5A5F5B }
```

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

```
.border{ border-color:#5A5F5B }
```

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

Here you see how a box with a 4 pixel #5A5F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5F5B; -webkit-box-shadow:4px 4px  
4px 4px #5A5F5B; box-shadow:4px 4px 4px  
4px #5A5F5B }
```

# Background

The CSS property to change the background color of an element to Hex 5A5F5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5F5B }
```

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

```
.background{ background-color:#5A5F5B }
```

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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