

# Converting Colors

Hex(5A565A)

Have a look what the booklet for  
Hex(5A565A) contains.

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# Color

**Hex(5A565A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A565A
RGB	90, 86, 90
RGB Percent	35%, 34%, 35%
CMY	0.6471, 0.6627, 0.6471
CMYK	0.00, 0.04, 0.00, 0.65
HSL	300°, 2%, 35%
HSV	300°, 4%, 35%
XYZ	9.3897, 9.5674, 11.0247
YIQ	87.6520, 1.1000, 2.0920

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 86, 90
Decimal	5920346
CIELab	37.05, 2.46, -1.74
CIElCh	37, 3.012, 324.618
Yxy	9.5674, 0.3132, 0.3191
Android (android.graphics.Color)	4284110426 (0xFF5A565A)
YUV	87.6520, 1.1576, 2.0592
Hunter-Lab	30.9312, 0.0570, 0.5194

# Details

The Hex color **5A565A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **565A56**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8C888C**, and **2C292D** is the 20% darker color. If you saturate the color by 10%, you get **5A4D5A**, and if you desaturate by 10%, it is **5A5F5A**.

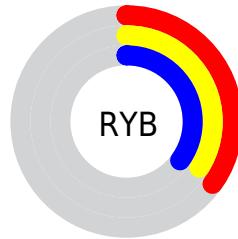
# Distribution



Red (35%)

Green (34%)

Blue (35%)



Red (35%)

Yellow (34%)

Blue (35%)

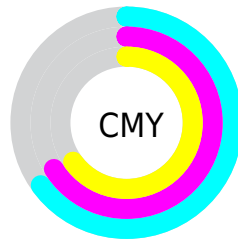


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (65%)



Cyan (65%)

Magenta (66%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A565A 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 5A565A by changing the saturation by 10% instead.





5A565A



5A565A

FFFFFF



433F43



8C888C



2C292D



A6A2A6



181518



C2BDC1



000000



DDD9DD



FAF5FA



5A565A



5A565A



5A4D5A



5A5F5A



5A445A



5A685A

■ 5A3B5A

■ 5A715A

■ 5A325A

■ 5A7A5A

■ 5A295A

■ 5A835A

■ 5A205A

■ 5A8C5A

■ 5A175A

■ 5A955A

■ 5A0E5A

■ 5A9E5A

■ 5A055A

■ 5AA75A

# Harmonies

## Analogous

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



57575C



5A565A



5C5658

# Triad

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



5A565A



5A5752



515959

# Complementary

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



5A565A



565A56

# 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.



525957



5A565A



575853

# Square

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



5A565A



5C5653



545854



52585B

# Rectangle

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



5A565A



5D5656



545854



515958



# Sweetspot

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



5A565A



757475



56565A



3B3A3B



BABABA



3B3B3B



# Same Dimension

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



5A565A



756F75



5A5658



2E2B2E



6E006E



ED00ED



# Inverse Universe

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



5A565A



756F75



565A58



2E2B2E



6E006E



ED00ED



# Previews

## White Background



This preview shows how the Hex color 5A565A looks on a white background.

## Color Contrast Check

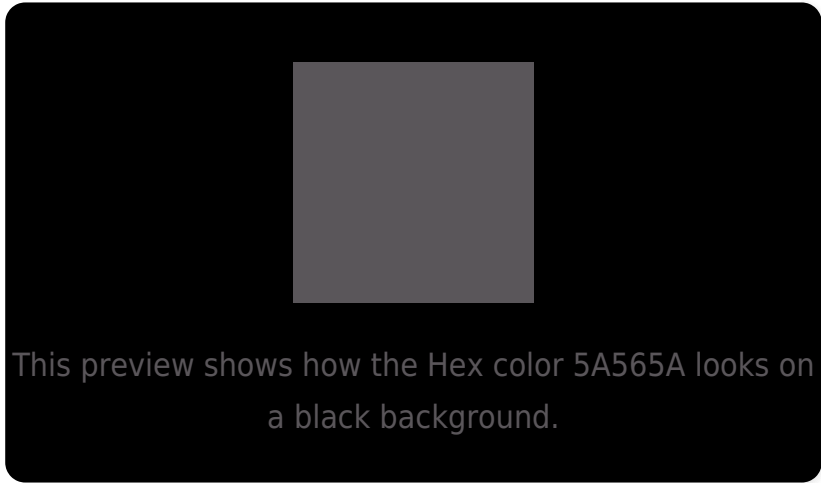
Large Text (above 18pt) WCAG AA ✓ Pass

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

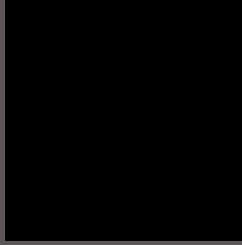
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

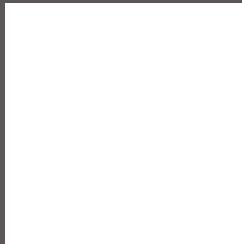
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A565A Background



This preview shows how black text looks on a background with the Hex color 5A565A.

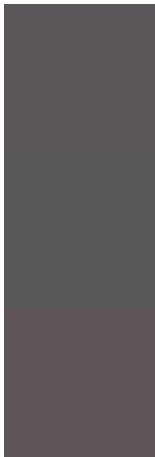


This preview shows how white text looks on a background with the Hex color 5A565A.

# 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**  
5A565A

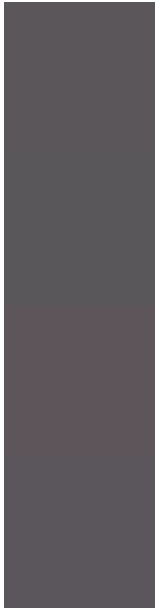
**Protanopia**  
58575A

**Deuteranopia**  
5E555A



**Tritanopia**  
5A565C

# Trichromacy



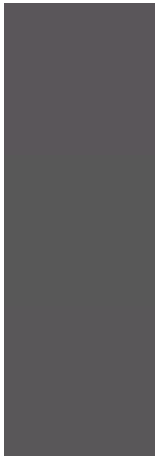
**Original Color**  
5A565A

**Protanomaly**  
59575A

**Deuteranomaly**  
5D555A

**Tritanomaly**  
5A565B

# Monochromacy



**Original Color**  
5A565A

**Achromatopsia**  
585858

**Achromatomaly**  
595759

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A565A 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 #5A565A looks like.

```
.text, #text, p{  
    color:#5A565A  
}
```

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 #5A565A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A565A
}
```

## Border

The CSS property to change the border of an element to Hex 5A565A is called "border". The border property can be set on classes, ids or directly on the HTML element.

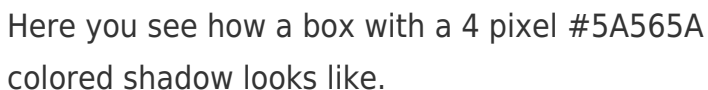
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A565A }
```

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

```
.border{ border-color:#5A565A }
```

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



Here you see how a box with a 4 pixel #5A565A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A565A; -webkit-box-shadow:4px 4px  
4px 4px #5A565A; box-shadow:4px 4px 4px  
4px #5A565A }
```

# Background

The CSS property to change the background color of an element to Hex 5A565A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A565A }
```

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

```
.background{ background-color:#5A565A }
```

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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