

# Converting Colors

Hex(58545A)

Have a look what the booklet for  
Hex(58545A) contains.

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# Color

**Hex(58545A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	58545A
RGB	88, 84, 90
RGB Percent	35%, 33%, 35%
CMY	0.6549, 0.6706, 0.6471
CMYK	0.02, 0.07, 0.00, 0.65
HSL	280°, 3%, 34%
HSV	280°, 7%, 35%
XYZ	9.0403, 9.1535, 10.9632
YIQ	85.8800, 0.4580, 2.7140

# Conversions

## Conversions Part 2

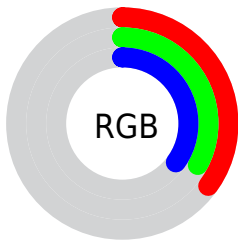
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 84, 90
Decimal	5788762
CIE Lab	36.28, 2.90, -2.91
CIE LCh	36, 4.107, 314.899
Yxy	9.1535, 0.3101, 0.3139
Android (android.graphics.Color)	4283978842 (0xFF58545A)
YUV	85.8800, 2.0312, 1.8592
Hunter-Lab	30.2548, 0.3908, -0.3061

# Details

The Hex color **58545A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **565A54**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8A858C**, and **2B272C** is the 20% darker color. If you saturate the color by 10%, you get **554B5A**, and if you desaturate by 10%, it is **5B5D5A**.

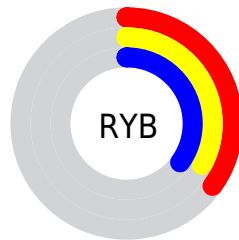
# Distribution



Red (35%)

Green (33%)

Blue (35%)



Red (35%)

Yellow (33%)

Blue (35%)

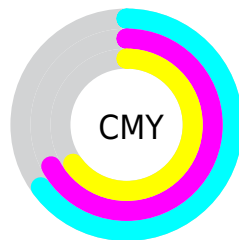


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (65%)



Cyan (65%)

Magenta (67%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58545A 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 58545A by changing the saturation by 10% instead.



■ 58545A

■ 58545A

FFFFFF

■ 413D43

■ 8A858C

■ 2B272C

■ A4A0A6

■ 161318

■ BFBBC1

■ 000000

■ DBD6DD

■ F8F3FA

■ 58545A

■ 58545A

■ 554B5A

■ 5B5D5A

■ 52425A

■ 5E665A

■ 4F395A

■ 616F5A

■ 4C305A

■ 64785A

■ 49275A

■ 67815A

■ 461E5A

■ 6A8A5A

■ 43155A

■ 6D935A

■ 400C5A

■ 709C5A

■ 3D035A

■ 73A55A

# Harmonies

## Analogous

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



54555C



58545A



5B5357

# Triad

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



58545A



5A554F



4D5757

# Complementary

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



58545A



565A54

# 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.



4F5753



58545A



56564F

# Square

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



58545A



5C5451



535751



4E575A

# Rectangle

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



58545A



5C5355



535751



4E5756



# Sweetspot

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



58545A



757375



54565A



3A393B



BABABA



3B3B3B



# Same Dimension

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



58545A



726C75



5A5459



2C292E



49006E



9E00ED



# Inverse Universe

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



5A5456



756C6F



545A55



2E292B



6E0025



ED004F



# Previews

## White Background



This preview shows how the Hex color 58545A looks on a white background.

## Color Contrast Check

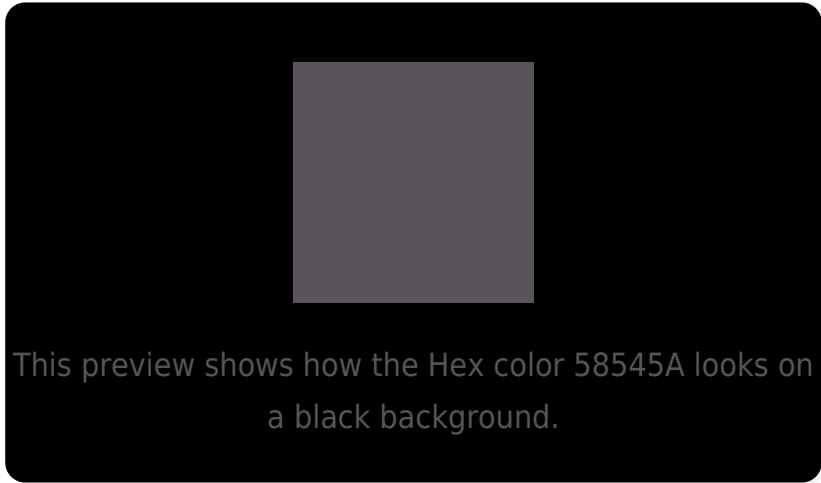
Large Text (above 18pt) WCAG AA ✓ Pass

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

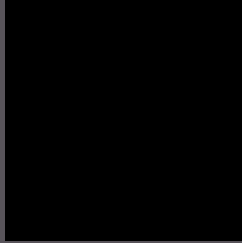
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

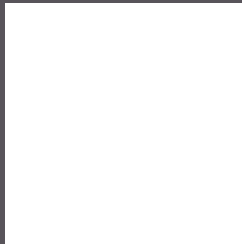
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 58545A Background



This preview shows how black text looks on a background with the Hex color 58545A.



This preview shows how white text looks on a background with the Hex color 58545A.

# 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**  
58545A

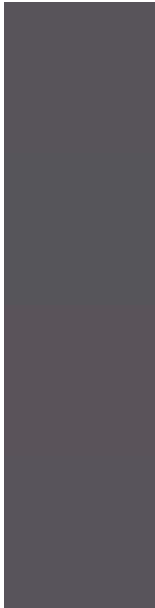
**Protanopia**  
55555A

**Deuteranopia**  
5B535A



**Tritanopia**  
58545B

# Trichromacy



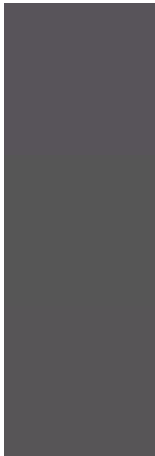
**Original Color**  
58545A

**Protanomaly**  
56555A

**Deuteranomaly**  
5A535A

**Tritanomaly**  
58545B

# Monochromacy



**Original Color**  
58545A

**Achromatopsia**  
565656

**Achromatomaly**  
575557

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58545A 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 #58545A looks like.

```
.text, #text, p{  
    color:#58545A  
}
```

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 #58545A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58545A
}
```

## Border

The CSS property to change the border of an element to Hex 58545A is called "border". The border property can be set on classes, ids or directly on the HTML element.

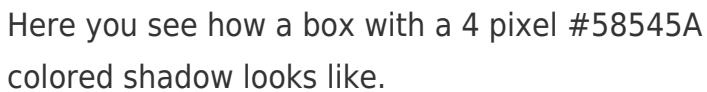
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58545A }
```

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

```
.border{ border-color:#58545A }
```

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



Here you see how a box with a 4 pixel #58545A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58545A; -webkit-box-shadow:4px 4px  
4px 4px #58545A; box-shadow:4px 4px 4px  
4px #58545A }
```

# Background

The CSS property to change the background color of an element to Hex 58545A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58545A }
```

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

```
.background{ background-color:#58545A }
```

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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