

# Converting Colors

Hex(5A665A)

Have a look what the booklet for  
Hex(5A665A) contains.

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# Color

Hex(5A665A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A665A
RGB	90, 102, 90
RGB Percent	35%, 40%, 35%
CMY	0.6471, 0.6000, 0.6471
CMYK	0.12, 0.00, 0.12, 0.60
HSL	120°, 6%, 38%
HSV	120°, 12%, 40%
XYZ	10.8133, 12.4146, 11.4992
YIQ	97.0440, -3.3000, -6.2760

# Conversions

## Conversions Part 2

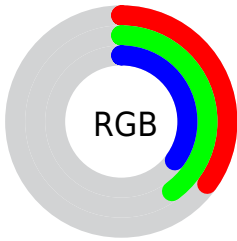
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 102, 102
Decimal	5924442
CIE Lab	41.87, -7.15, 5.24
CIE LCh	42, 8.865, 143.802
Yxy	12.4146, 0.3114, 0.3575
Android (android.graphics.Color)	4284114522 (0xFF5A665A)
YUV	97.0440, -3.4727, -6.1776
Hunter-Lab	35.2343, -6.8791, 5.3140

# Details

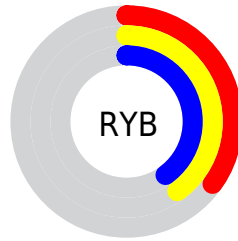
The Hex color **5A665A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **665A66**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8C998C**, and **2C372C** is the 20% darker color. If you saturate the color by 10%, you get **506650**, and if you desaturate by 10%, it is **646664**.

# Distribution



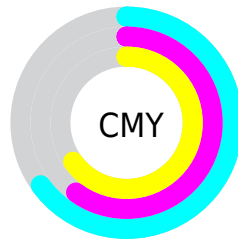
- Red (35%)
- Green (40%)
- Blue (35%)



- Red (35%)
- Yellow (40%)
- Blue (40%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (60%)



- Cyan (65%)
- Magenta (60%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A665A 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 5A665A by changing the saturation by 10% instead.





5A665A



5A665A

FFFFFF



434E43



8C998C



2C372C



A6B4A6



182218



C2CFC2



000C00



DEECDD



000000



FAFFFA



5A665A



5A665A



506650



646664



466646



6E666E

 3B663B

 796679

 316631

 836683

 276627

 8D668D

 1D661D

 976697

 136613

 A166A1

 086608

 AC66AC

 006600

 B666B6

# Harmonies

## Analogous

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



626455



5A665A



536761

# Triad

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



5A665A



596471



725E5D

# Complementary

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



5A665A



665A66

# 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.



715E65



5A665A



626170

# Square

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



5A665A



52666E



6B5F6B



705F57

# Rectangle

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



5A665A



516766



6B5F6B



725E60



# Sweetspot

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



5A665A



7F857F



66665A



3F423F



C2C2C2



424242



# Same Dimension

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



5A665A



728572



5A6660



2E332E



007300



00F200



# Inverse Universe

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



665A66



857285



665A60



332E33



730073

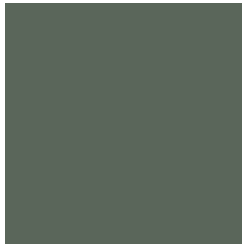


F200F2



# Previews

## White Background



This preview shows how the Hex color 5A665A looks on a white background.

## Color Contrast Check

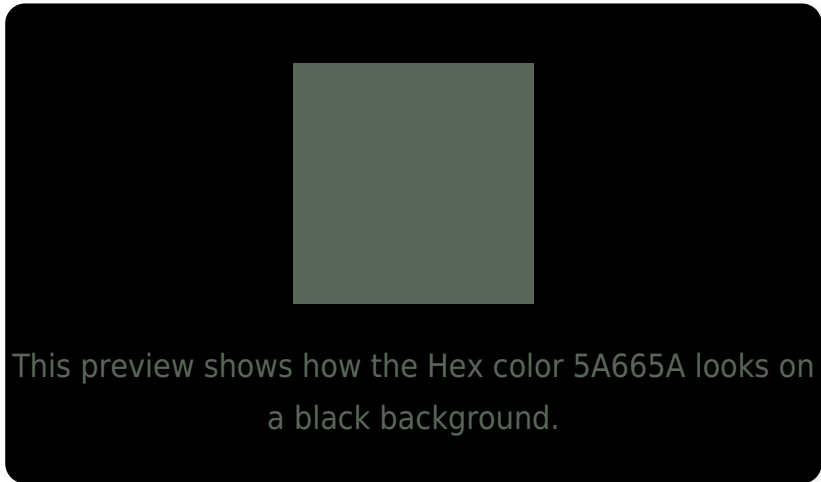
Large Text (above 18pt) WCAG AA ✓ Pass

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

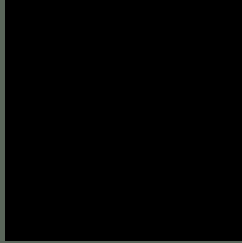
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A665A Background



This preview shows how black text looks on a background with the Hex color 5A665A.

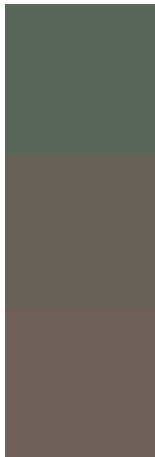


This preview shows how white text looks on a background with the Hex color 5A665A.

# 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**  
5A665A

**Protanopia**  
676258

**Deuteranopia**  
6F5F5B



**Tritanopia**  
5D636B

# Trichromacy



**Original Color**

5A665A

**Protanomaly**

626359

**Deuteranomaly**

67625B

**Tritanomaly**

5C6465

# Monochromacy



**Original Color**

5A665A

**Achromatopsia**

616161

**Achromatomaly**

5E635E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A665A 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 #5A665A looks like.

```
.text, #text, p{  
    color:#5A665A  
}
```

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 #5A665A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A665A
}
```

## Border

The CSS property to change the border of an element to Hex 5A665A 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
#5A665A }
```

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

```
.border{ border-color:#5A665A }
```

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

Here you see how a box with a 4 pixel #5A665A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A665A; -webkit-box-shadow:4px 4px  
4px 4px #5A665A; box-shadow:4px 4px 4px  
4px #5A665A }
```

# Background

The CSS property to change the background color of an element to Hex 5A665A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A665A }
```

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

```
.background{ background-color:#5A665A }
```

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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