

# Converting Colors

Hex(5A655D)

Have a look what the booklet for  
Hex(5A655D) contains.

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# Color

**Hex(5A655D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A655D
RGB	90, 101, 93
RGB Percent	35%, 40%, 36%
CMY	0.6471, 0.6039, 0.6353
CMYK	0.11, 0.00, 0.08, 0.60
HSL	136°, 6%, 37%
HSV	136°, 11%, 40%
XYZ	10.8459, 12.2713, 12.1529
YIQ	96.7990, -3.9880, -4.8200

# Conversions

## Conversions Part 2

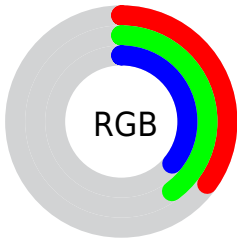
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 99, 101
Decimal	5924189
CIE Lab	41.64, -5.95, 3.09
CIE LCh	42, 6.703, 152.532
Yxy	12.2713, 0.3075, 0.3479
Android (android.graphics.Color)	4284114269 (0xFF5A655D)
YUV	96.7990, -1.8729, -5.9627
Hunter-Lab	35.0305, -6.0373, 3.9522

# Details

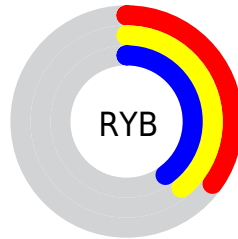
The Hex color **5A655D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **655A62**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8C988F**, and **2C362F** is the 20% darker color. If you saturate the color by 10%, you get **506556**, and if you desaturate by 10%, it is **646564**.

# Distribution



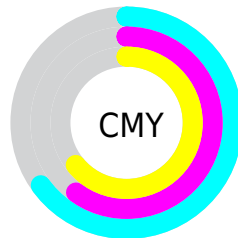
- Red (35%)
- Green (40%)
- Blue (36%)



- Red (35%)
- Yellow (39%)
- Blue (40%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (60%)



- Cyan (65%)
- Magenta (60%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A655D 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 5A655D by changing the saturation by 10% instead.



■ 5A655D

■ 5A655D

FFFFFF

■ 434D45

■ 8C988F

■ 2C362F

■ A6B3AA

■ 18211A

■ C2CEC5

■ 000A00

■ DEEAE1

■ 000000

■ FAFFFE

■ 5A655D

■ 5A655D

■ 506556

■ 646564

■ 46654E

■ 6E656C

3C6547

786573

326540

82657A

286538

8D6582

1D6531

976589

13652A

A16590

096522

AB6598

00651C

B5659F

# Harmonies

## Analogous

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



606459



5A655D



566662

# Triad

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



5A655D



5D636D



6E5F5D

# Complementary

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



5A655D



655A62

# 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.



6E5F62



5A655D



64616B

# Square

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



5A655D



57646C



6A5F67



6B6059

# Rectangle

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



5A655D



556566



6A5F67



6E5F5E



# Sweetspot

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



5A655D



7E827F



62655A



404240



C2C2C2



424242



# Same Dimension

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



5A655D



718276



5A6562



2E332F



00731F



00F242



# Inverse Universe

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



655A62



82717D



655A5D



332E32



730053



F200B0



# Previews

## White Background



This preview shows how the Hex color 5A655D looks on a white background.

## Color Contrast Check

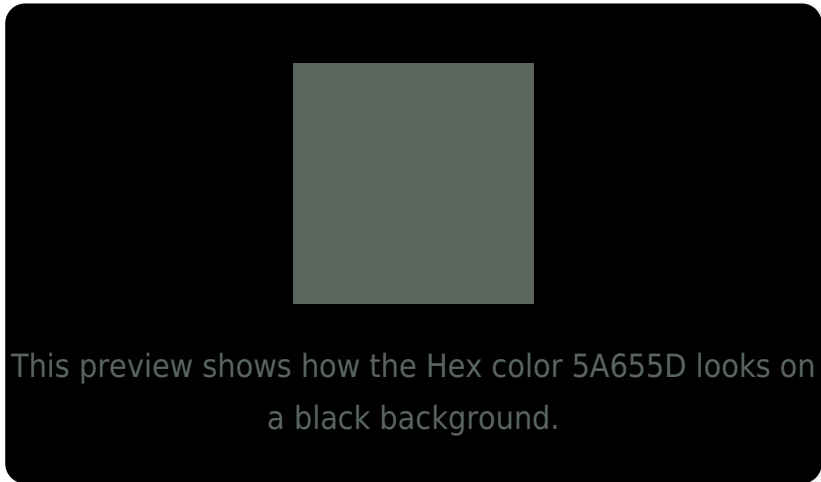
Large Text (above 18pt) WCAG AA ✓ Pass

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

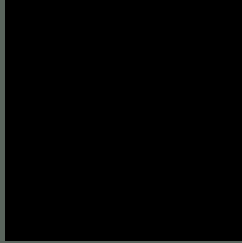
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A655D Background



This preview shows how black text looks on a background with the Hex color 5A655D.



This preview shows how white text looks on a background with the Hex color 5A655D.

# 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](#).

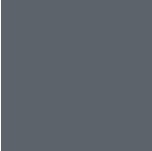
## Dichromacy



**Original Color**  
5A655D

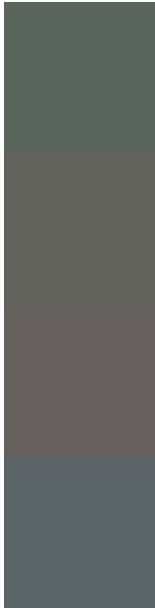
**Protanopia**  
65625B

**Deuteranopia**  
6D5F5E



**Tritanopia**  
5C636B

# Trichromacy



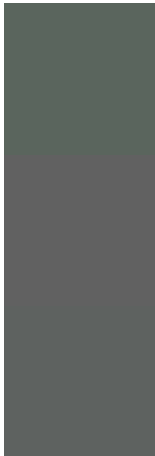
**Original Color**  
5A655D

**Protanomaly**  
61635C

**Deuteranomaly**  
66615E

**Tritanomaly**  
5B6466

# Monochromacy



**Original Color**  
5A655D

**Achromatopsia**  
616161

**Achromatomaly**  
5E260

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A655D 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 #5A655D looks like.

```
.text, #text, p{  
    color:#5A655D  
}
```

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 #5A655D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A655D
}
```

## Border

The CSS property to change the border of an element to Hex 5A655D 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
#5A655D }
```

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

```
.border{ border-color:#5A655D }
```

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

Here you see how a box with a 4 pixel #5A655D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A655D; -webkit-box-shadow:4px 4px  
4px 4px #5A655D; box-shadow:4px 4px 4px  
4px #5A655D }
```

# Background

The CSS property to change the background color of an element to Hex 5A655D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A655D }
```

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

```
.background{ background-color:#5A655D }
```

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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