

# Converting Colors

Hex(55665F)

Have a look what the booklet for  
Hex(55665F) contains.

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# Color

**Hex(55665F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55665F
RGB	85, 102, 95
RGB Percent	33%, 40%, 37%
CMY	0.6667, 0.6000, 0.6275
CMYK	0.17, 0.00, 0.07, 0.60
HSL	155°, 9%, 37%
HSV	155°, 17%, 40%
XYZ	10.5632, 12.2603, 12.6362
YIQ	96.1190, -7.8850, -5.7810

# Conversions

## Conversions Part 2

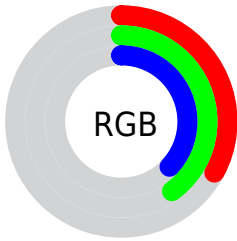
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 96, 102
Decimal	5596767
CIE <sub>Lab</sub>	41.63, -8.00, 1.80
CIE <sub>LCh</sub>	42, 8.198, 167.304
Yxy	12.2603, 0.2979, 0.3458
Android (android.graphics.Color)	4283786847 (0xFF55665F)
YUV	96.1190, -0.5517, -9.7514
Hunter-Lab	35.0147, -7.4257, 3.1135

# Details

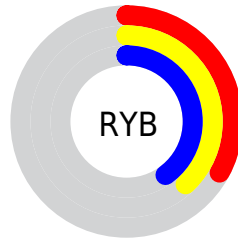
The Hex color **55665F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **66555C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **879991**, and **283731** is the 20% darker color. If you saturate the color by 10%, you get **4B665B**, and if you desaturate by 10%, it is **5F6663**.

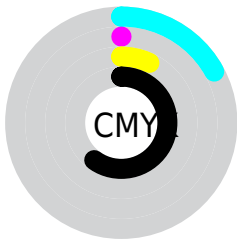
# Distribution



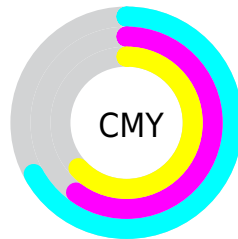
- Red (33%)
- Green (40%)
- Blue (37%)



- Red (33%)
- Yellow (38%)
- Blue (40%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (60%)



- Cyan (67%)
- Magenta (60%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55665F 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 55665F by changing the saturation by 10% instead.



■ 55665F

■ 55665F

FFFFFF

■ 3E4E47

■ 879991

■ 283731

■ A1B4AC

■ 13221C

■ BCCFC7

■ 000B01

■ D8ECE3

■ 000000

■ F4FFFF

■ 55665F

■ 55665F

■ 4B665B

■ 5F6663

■ 416657

■ 696667

■ 366652

■ 74666C

■ 2C664E

■ 7E6670

■ 22664A

■ 886674

■ 186646

■ 926678

■ 0E6642

■ 9C667C

■ 03663D

■ A76681

■ 00663C

■ B16685

# Harmonies

## Analogous

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



5C6559



55665F



516666

# Triad

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



55665F



60616F



6F5F59

# Complementary

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



55665F



66555C

# 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.



715E5E



55665F



685F6B

# Square

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



55665F



58646F



6E5E65



6B6155

# Rectangle

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



55665F



51666A



6E5E65



705E5A



# Sweetspot

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



55665F



7E8582



5C6655



3E4241



C2C2C2



424242



# Same Dimension

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



55665F



6A857A



556566



2E3331



007344



00F28F



# Inverse Universe

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



66555C



856A75



665655



332E30



73002F



F20064



# Previews

## White Background



This preview shows how the Hex color 55665F looks on a white background.

## Color Contrast Check

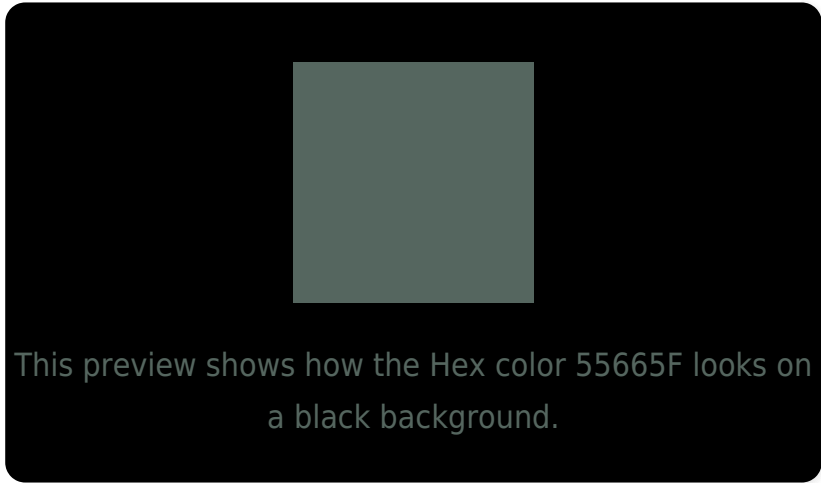
Large Text (above 18pt) WCAG AA ✓ Pass

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

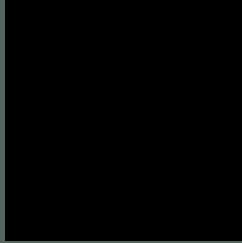
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 55665F Background



This preview shows how black text looks on a background with the Hex color 55665F.



This preview shows how white text looks on a background with the Hex color 55665F.

# 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](#).

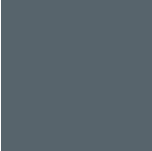
## Dichromacy



**Original Color**  
55665F

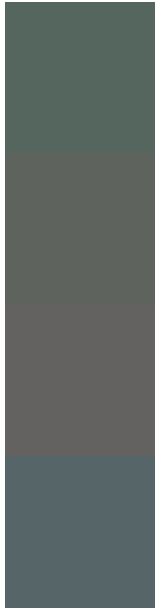
**Protanopia**  
65625D

**Deuteranopia**  
6C5F60



**Tritanopia**  
57646C

# Trichromacy



**Original Color**  
55665F

**Protanomaly**  
5F635E

**Deuteranomaly**  
646260

**Tritanomaly**  
566567

# Monochromacy



**Original Color**  
55665F

**Achromatopsia**  
606060

**Achromatomaly**  
5C6260

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55665F 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 #55665F looks like.

```
.text, #text, p{  
    color:#55665F  
}
```

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 #55665F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55665F
}
```

## Border

The CSS property to change the border of an element to Hex 55665F is called "border". The border property can be set on classes, ids or directly on the HTML element.

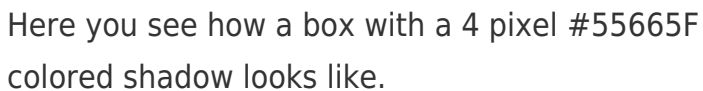
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55665F }
```

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

```
.border{ border-color:#55665F }
```

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



Here you see how a box with a 4 pixel #55665F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55665F; -webkit-box-shadow:4px 4px  
4px 4px #55665F; box-shadow:4px 4px 4px  
4px #55665F }
```

# Background

The CSS property to change the background color of an element to Hex 55665F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55665F }
```

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

```
.background{ background-color:#55665F }
```

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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