

# Converting Colors

Hex(565F55)

Have a look what the booklet for  
Hex(565F55) contains.

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# Color

**Hex(565F55)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	565F55
RGB	86, 95, 85
RGB Percent	34%, 37%, 33%
CMY	0.6627, 0.6275, 0.6667
CMYK	0.09, 0.00, 0.11, 0.63
HSL	114°, 6%, 35%
HSV	114°, 11%, 37%
XYZ	9.5697, 10.8187, 10.1782
YIQ	91.1690, -2.1540, -5.0180

# Conversions

## Conversions Part 2

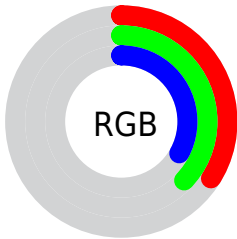
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 95, 94
Decimal	5660501
CIE <sub>Lab</sub>	39.27, -5.64, 4.53
CIE <sub>LCh</sub>	39, 7.235, 141.227
Yxy	10.8187, 0.3131, 0.3539
Android (android.graphics.Color)	4283850581 (0xFF565F55)
YUV	91.1690, -3.0413, -4.5332
Hunter-Lab	32.8918, -5.6274, 4.6774

# Details

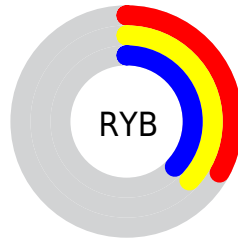
The Hex color **565F55** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E555F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **889187**, and **293128** is the 20% darker color. If you saturate the color by 10%, you get **4D5F4C**, and if you desaturate by 10%, it is **5F5F5E**.

# Distribution



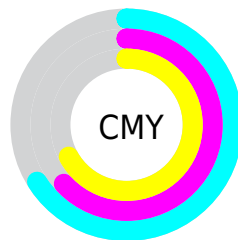
- Red (34%)
- Green (37%)
- Blue (33%)



- Red (33%)
- Yellow (37%)
- Blue (37%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (63%)



- Cyan (66%)
- Magenta (63%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 565F55 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 565F55 by changing the saturation by 10% instead.





565F55



565F55

FFFFFF



3F473E



889187



293128



A2ACA1



151C14



BDC7BC



000000



D9E3D7



F5FFF4



565F55



565F55



4D5F4C



5F5F5E



455F42



675F68

■ 3C5F38

■ 705F72

■ 345F2F

■ 785F7B

■ 2B5F25

■ 815F84

■ 235F1C

■ 895F8E

■ 1A5F12

■ 925F98

■ 125F09

■ 9A5FA1

■ 0A5F00

■ A35FAB

# Harmonies

## Analogous

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



5D5D52



565F55



50605A

# Triad

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



565F55



545E68



695958

# Complementary

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



565F55



5E555F

# 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.



68595E



565F55



5C5C67

# Square

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



565F55



4F5F65



635A64



685A54

# Rectangle

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



565F55



4E605F



635A64



69595A



# Sweetspot

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



565F55



777A77



5F5E55



3B3D3B



BDBDBD



3D3D3D



# Same Dimension

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



565F55



6C7A6A



555F59



2C302C



0B7000



18F000



# Inverse Universe

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



5E555F



796A7A



5F555B



302C30



650070



D800F0



# Previews

## White Background



This preview shows how the Hex color 565F55 looks on a white background.

## Color Contrast Check

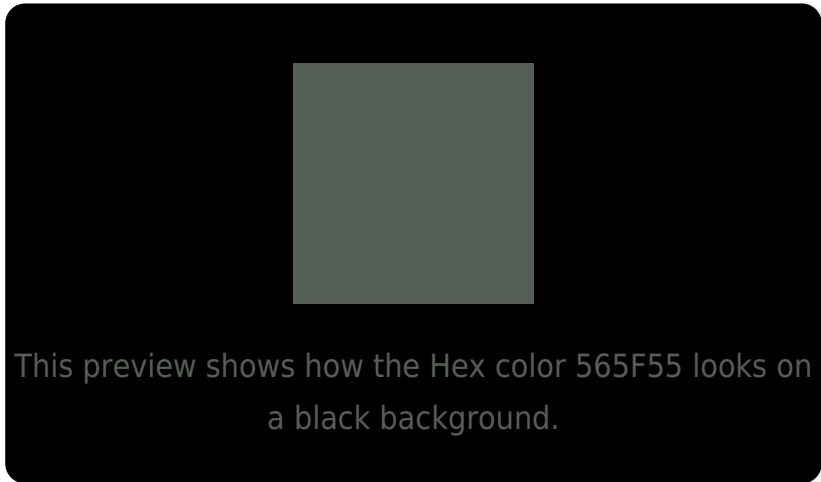
Large Text (above 18pt) WCAG AA ✓ Pass

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

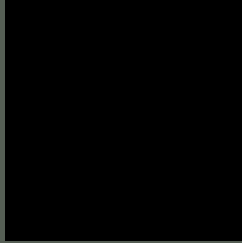
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 565F55 Background



This preview shows how black text looks on a background with the Hex color 565F55.

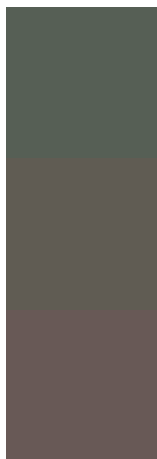


This preview shows how white text looks on a background with the Hex color 565F55.

# 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**  
565F55

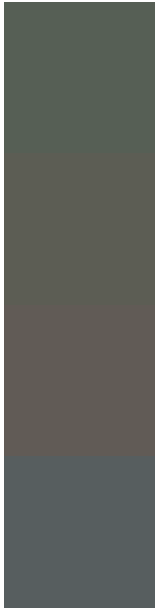
**Protanopia**  
605C53

**Deuteranopia**  
685956



**Tritanopia**  
585D64

# Trichromacy



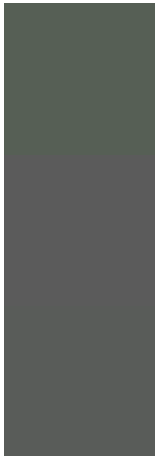
**Original Color**  
565F55

**Protanomaly**  
5C5D54

**Deuteranomaly**  
615B56

**Tritanomaly**  
575E5F

# Monochromacy



**Original Color**  
565F55

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
595C59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 565F55 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 #565F55 looks like.

```
.text, #text, p{  
    color:#565F55  
}
```

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 #565F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565F55
}
```

## Border

The CSS property to change the border of an element to Hex 565F55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

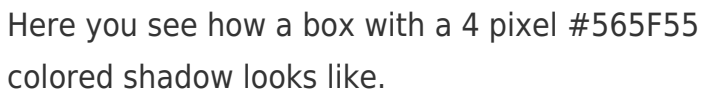
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#565F55 }
```

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

```
.border{ border-color:#565F55 }
```

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



Here you see how a box with a 4 pixel #565F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565F55; -webkit-box-shadow:4px 4px  
4px 4px #565F55; box-shadow:4px 4px 4px  
4px #565F55 }
```

# Background

The CSS property to change the background color of an element to Hex 565F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565F55 }
```

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

```
.background{ background-color:#565F55 }
```

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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