

# Converting Colors

Hex(555F5A)

Have a look what the booklet for  
Hex(555F5A) contains.

<b>Hex(555F5A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(555F5A)

# Conversions

## Conversions Part 1

Format	Color
Hex	555F5A
RGB	85, 95, 90
RGB Percent	33%, 37%, 35%
CMY	0.6667, 0.6275, 0.6471
CMYK	0.11, 0.00, 0.05, 0.63
HSL	150°, 6%, 35%
HSV	150°, 11%, 37%
XYZ	9.6840, 10.8539, 11.2575
YIQ	91.4400, -4.3550, -3.6750

# Conversions

## Conversions Part 2

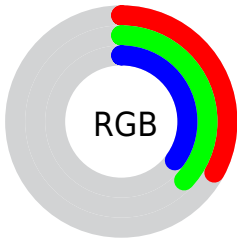
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 92, 95
Decimal	5594970
CIE Lab	39.33, -4.98, 1.53
CIE LCh	39, 5.207, 162.878
Yxy	10.8539, 0.3046, 0.3414
Android (android.graphics.Color)	4283785050 (0xFF555F5A)
YUV	91.4400, -0.7099, -5.6479
Hunter-Lab	32.9453, -5.1856, 2.8021

# Details

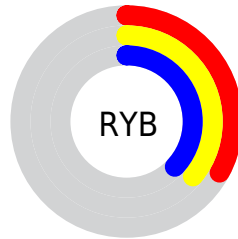
The Hex color **555F5A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F555A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **87918C**, and **28312D** is the 20% darker color. If you saturate the color by 10%, you get **4C5F55**, and if you desaturate by 10%, it is **5E5F5F**.

# Distribution



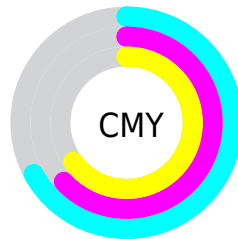
- Red (33%)
- Green (37%)
- Blue (35%)



- Red (33%)
- Yellow (36%)
- Blue (37%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (63%)



- Cyan (67%)
- Magenta (63%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 555F5A 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 555F5A by changing the saturation by 10% instead.



■ 555F5A

■ 555F5A

FFFFFF

■ 3E4743

■ 87918C

■ 28312D

■ A1ACA6

■ 141C18

■ BCC7C1

■ 000000

■ D8E3DD

■ F4FFFA

■ 555F5A

■ 555F5A

■ 4C5F55

■ 5E5F5F

■ 425F51

■ 685F64

■ 385F4C

■ 725F68

■ 2F5F47

■ 7B5F6D

■ 255F42

■ 845F72

■ 1C5F3E

■ 8E5F76

■ 125F39

■ 985F7B

■ 095F34

■ A15F80

■ 005F30

■ AB5F85

# Harmonies

## Analogous

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



595E56



555F5A



535F5E

# Triad

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



555F5A



5B5C65



655A57

# Complementary

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



555F5A



5F555A

# 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.



665A5B



555F5A



605B63

# Square

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



555F5A



565E65



645A5F



635C55

# Rectangle

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



555F5A



525F61



645A5F



665A58



# Sweetspot

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



555F5A



777A79



5A5F55



3B3D3C



BDBDBD



3D3D3D



# Same Dimension

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



555F5A



6A7A72



555F5F



2C302E



007038



00F078



# Inverse Universe

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



5F555A



7A6A72



5F5555



302C2E



700038



F00078



# Previews

## White Background



This preview shows how the Hex color 555F5A looks on a white background.

## Color Contrast Check

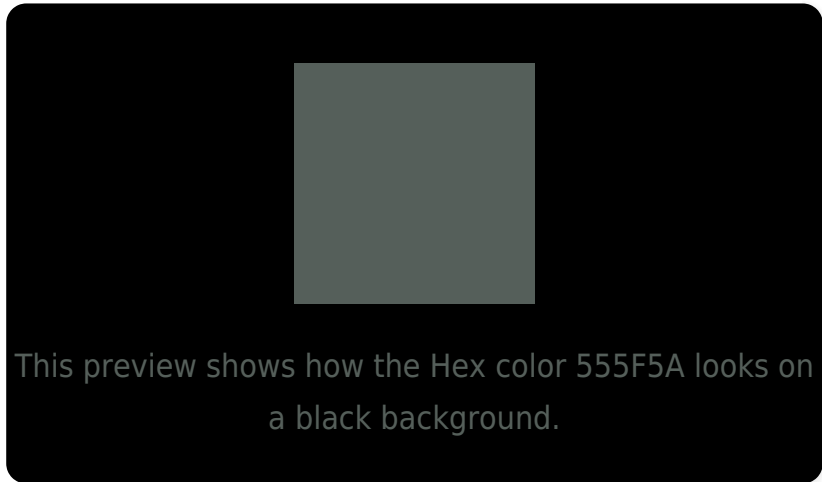
Large Text (above 18pt) WCAG AA ✓ Pass

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

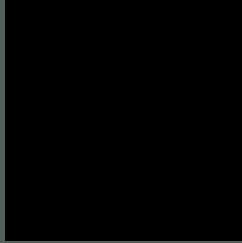
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

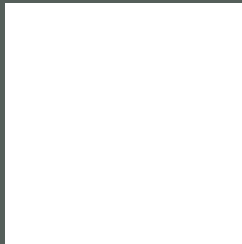
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 555F5A Background



This preview shows how black text looks on a background with the Hex color 555F5A.



This preview shows how white text looks on a background with the Hex color 555F5A.

# 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**  
555F5A

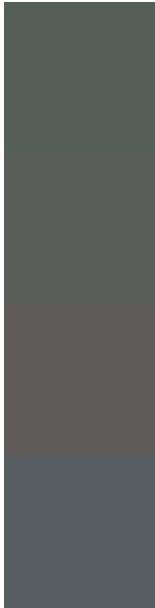
**Protanopia**  
5F5C58

**Deuteranopia**  
66595B



**Tritanopia**  
575D65

# Trichromacy



**Original Color**

555F5A

**Protanomaly**

5B5D59

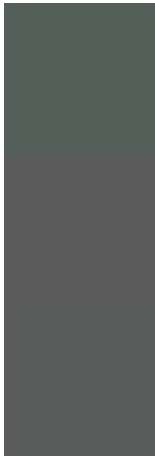
**Deuteranomaly**

605B5B

**Tritanomaly**

565E61

# Monochromacy



**Original Color**

555F5A

**Achromatopsia**

5B5B5B

**Achromatomaly**

595C5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 555F5A 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 #555F5A looks like.

```
.text, #text, p{  
    color:#555F5A  
}
```

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 #555F5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555F5A
}
```

## Border

The CSS property to change the border of an element to Hex 555F5A 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
#555F5A }
```

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

```
.border{ border-color:#555F5A }
```

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

Here you see how a box with a 4 pixel #555F5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555F5A; -webkit-box-shadow:4px 4px  
4px 4px #555F5A; box-shadow:4px 4px 4px  
4px #555F5A }
```

# Background

The CSS property to change the background color of an element to Hex 555F5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555F5A }
```

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

```
.background{ background-color:#555F5A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor