

# Converting Colors

Hex(535F53)

Have a look what the booklet for  
Hex(535F53) contains.

<b>Hex(535F53)</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(535F53)

# Conversions

## Conversions Part 1

Format	Color
Hex	535F53
RGB	83, 95, 83
RGB Percent	33%, 37%, 33%
CMY	0.6745, 0.6275, 0.6745
CMYK	0.13, 0.00, 0.13, 0.63
HSL	120°, 7%, 35%
HSV	120°, 13%, 37%
XYZ	9.2208, 10.6480, 9.7529
YIQ	90.0440, -3.3000, -6.2760

# Conversions

## Conversions Part 2

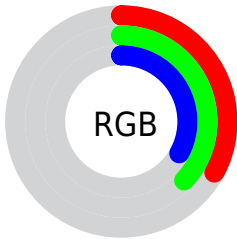
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 95, 95
Decimal	5463891
CIE Lab	38.98, -7.24, 5.31
CIE LCh	39, 8.980, 143.754
Yxy	10.6480, 0.3113, 0.3595
Android (android.graphics.Color)	4283653971 (0xFF535F53)
YUV	90.0440, -3.4727, -6.1776
Hunter-Lab	32.6312, -6.6646, 5.1211

# Details

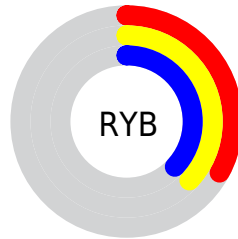
The Hex color **535F53** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F535F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **859184**, and **263126** is the 20% darker color. If you saturate the color by 10%, you get **4A5F4A**, and if you desaturate by 10%, it is **5D5F5D**.

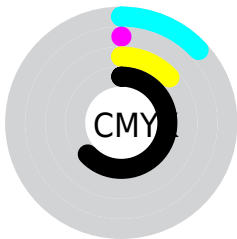
# Distribution



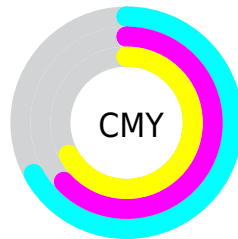
- Red (33%)
- Green (37%)
- Blue (33%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (63%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 535F53 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 535F53 by changing the saturation by 10% instead.



■ 535F53

■ 535F53

FFFFFF

■ 3C473C

■ 859184

■ 263126

■ 9FAC9F

■ 121C12

■ BAC7B9

■ 000000

■ D5E3D5

■ F2FFF2

■ 535F53

■ 535F53

■ 4A5F4A

■ 5D5F5D

■ 405F40

■ 665F66

■ 375F37

■ 6F5F6F

■ 2D5F2D

■ 795F79

■ 235F23

■ 835F83

■ 1A5F1A

■ 8C5F8C

■ 105F10

■ 965F96

■ 075F07

■ 9F5F9F

■ 005F00

■ A95FA9

# Harmonies

## Analogous

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



5B5D4E



535F53



4C605A

# Triad

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



535F53



525D6A



6B5756

# Complementary

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



535F53



5F535F

# 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.



6A575E



535F53



5B5A69

# Square

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



535F53



4B5F67



645864



695850

# Rectangle

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



535F53



4A605F



645864



6B5759



# Sweetspot

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



535F53



767A76



5F5F53



3A3D3A



BDBDBD



3D3D3D



# Same Dimension

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



535F53



687A68



535F59



2C302C



007000



00F000



# Inverse Universe

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



5F535F



7A687A



5F5359



302C30



700070

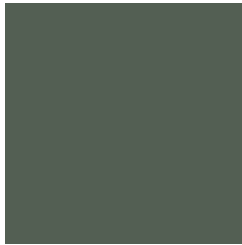


F000F0



# Previews

## White Background



This preview shows how the Hex color 535F53 looks on a white background.

## Color Contrast Check

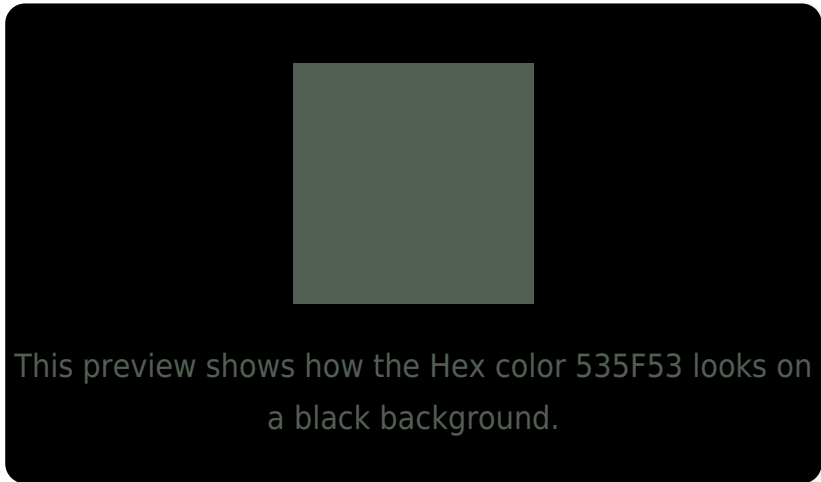
Large Text (above 18pt) WCAG AA ✓ Pass

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

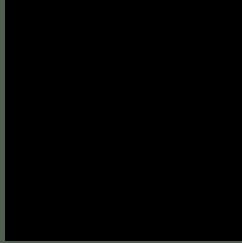
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 535F53 Background



This preview shows how black text looks on a background with the Hex color 535F53.

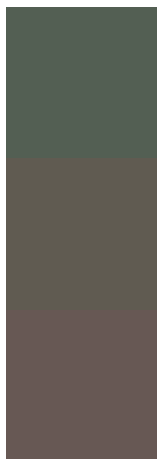


This preview shows how white text looks on a background with the Hex color 535F53.

# 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**  
535F53

**Protanopia**  
605B51

**Deuteranopia**  
675854



**Tritanopia**  
565D64

# Trichromacy



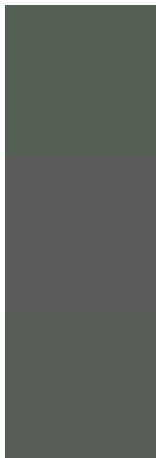
**Original Color**  
535F53

**Protanomaly**  
5B5C52

**Deuteranomaly**  
605B54

**Tritanomaly**  
555E5E

# Monochromacy



**Original Color**  
535F53

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
575C57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 535F53 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 #535F53 looks like.

```
.text, #text, p{  
    color:#535F53  
}
```

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 #535F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535F53  
}
```

## Border

The CSS property to change the border of an element to Hex 535F53 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  
#535F53 }
```

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

```
.border{ border-color:#535F53 }
```

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

Here you see how a box with a 4 pixel #535F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535F53; -webkit-box-shadow:4px 4px  
4px 4px #535F53; box-shadow:4px 4px 4px  
4px #535F53 }
```

# Background

The CSS property to change the background color of an element to Hex 535F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535F53 }
```

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

```
.background{ background-color:#535F53 }
```

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