

# Converting Colors

Hex(535B43)

Have a look what the booklet for  
Hex(535B43) contains.

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# Color

Hex(535B43)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	535B43
RGB	83, 91, 67
RGB Percent	33%, 36%, 26%
CMY	0.6745, 0.6431, 0.7373
CMYK	0.09, 0.00, 0.26, 0.64
HSL	80°, 15%, 31%
HSV	80°, 26%, 36%
XYZ	8.3215, 9.7264, 6.7490
YIQ	85.8720, 2.9360, -9.1600

# Conversions

## Conversions Part 2

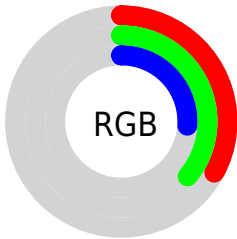
Format	Color
<b>RYB</b>	67, 91, 75
Decimal	5462851
CIELab	37.35, -7.92, 12.83
CIELCh	37, 15.077, 121.708
Yxy	9.7264, 0.3356, 0.3922
Android (android.graphics.Color)	4283652931 (0xFF535B43)
YUV	85.8720, -9.3039, -2.5187
Hunter-Lab	31.1872, -6.9496, 9.0005

# Details

The Hex color **535B43** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4B435B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **858D73**, and **262D18** is the 20% darker color. If you saturate the color by 10%, you get **505B3A**, and if you desaturate by 10%, it is **565B4C**.

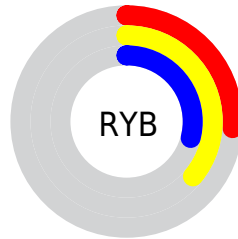
# Distribution



 Red (33%)

 Green (36%)

 Blue (26%)



 Red (26%)

 Yellow (36%)

 Blue (29%)

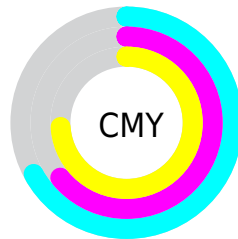


 Cyan (9%)


 Magenta (0%)

 Yellow (26%)

 Black (64%)



 Cyan (67%)

 Magenta (64%)

 Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 535B43 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 535B43 by changing the saturation by 10% instead.





535B43



535B43

FFFFFF



3C442D



858D73



262D18



9FA78D



131900



BAC3A7



000000



D6DFC2



F2FBDE



FFFFFFB



535B43



535B43



505B3A



565B4C

 4D5B31

 595B55

 4A5B28

 5C5B5E

 475B1F

 5F5B67

 445B15

 625B71

 415B0C

 655B7A

 3E5B03

 685B83

 3D5B00

 6B5B8C

 6E5B95

# Harmonies

## Analogous

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



605740



535B43



455E4C

# Triad

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



535B43



3B5C6D



704F58

# Complementary

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



535B43



4B435B

# 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.



685164



535B43



4A5970

# Square

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



535B43



355E64



5B556D



70504C

# Rectangle

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



535B43



3D5F54



5B556D



6E4F5C



# Sweetspot

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



535B43



72756C



5B4B43



393B35



BABABA



3B3B3B



# Same Dimension

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



535B43



697550



475B43



2C2E29



496E00



9EED00



# Inverse Universe

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



4B435B



5C5075



57435B



2B292E



25006E



4F00ED



# Previews

## White Background



This preview shows how the Hex color 535B43 looks on a white background.

## Color Contrast Check

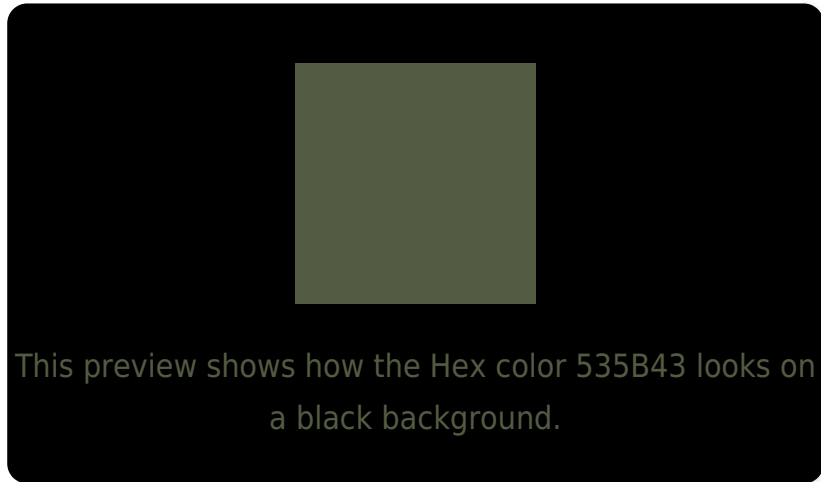
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

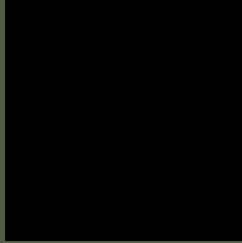
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 535B43 Background



This preview shows how black text looks on a background with the Hex color 535B43.

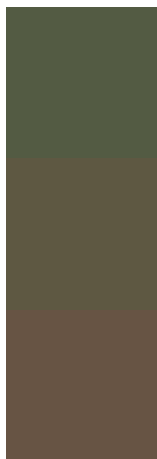


This preview shows how white text looks on a background with the Hex color 535B43.

# 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



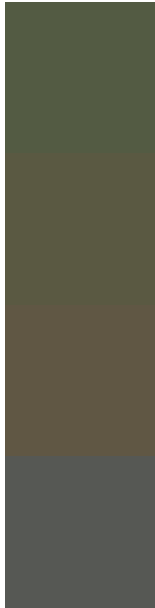
**Original Color**  
535B43

**Protanopia**  
5E5842

**Deuteranopia**  
675444



# Trichromacy



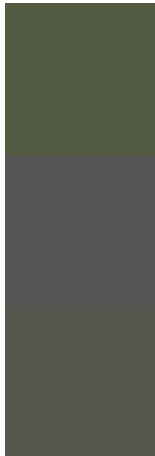
**Original Color**  
535B43

**Protanomaly**  
5A5942

**Deuteranomaly**  
605744

**Tritanomaly**  
565854

# Monochromacy



**Original Color**  
535B43

**Achromatopsia**  
565656

**Achromatomaly**  
55584F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 535B43 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 #535B43 looks like.

```
.text, #text, p{  
    color:#535B43  
}
```

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 #535B43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535B43
}
```

## Border

The CSS property to change the border of an element to Hex 535B43 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".

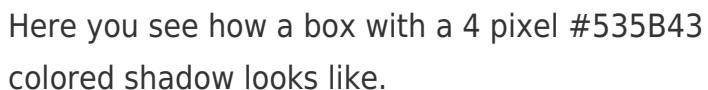
```
.border, #border, table{ border:4px solid
#535B43 }
```

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

```
.border{ border-color:#535B43 }
```

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

Here you see how a box with a 4 pixel #535B43 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535B43; -webkit-box-shadow:4px 4px  
4px 4px #535B43; box-shadow:4px 4px 4px  
4px #535B43 }
```

# Background

The CSS property to change the background color of an element to Hex 535B43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535B43 }
```

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

```
.background{ background-color:#535B43 }
```

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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