

Converting Colors

Hex(535E51)

Have a look what the booklet for
Hex(535E51) contains.

Hex(535E51)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(535E51)

Conversions

Conversions Part 1

Format	Color
Hex	535E51
RGB	83, 94, 81
RGB Percent	33%, 37%, 32%
CMY	0.6745, 0.6314, 0.6824
CMYK	0.12, 0.00, 0.14, 0.63
HSL	111°, 7%, 34%
HSV	111°, 14%, 37%
XYZ	9.0552, 10.4385, 9.3222
YIQ	89.2290, -2.3830, -6.3750

Conversions

Conversions Part 2

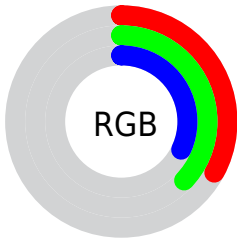
Format	Color
R_{YB}	81, 94, 92
Decimal	5463633
CIE Lab	38.62, -7.06, 6.02
CIE LCh	39, 9.280, 139.549
Yxy	10.4385, 0.3142, 0.3622
Android (android.graphics.Color)	4283653713 (0xFF535E51)
YUV	89.2290, -4.0569, -5.4628
Hunter-Lab	32.3086, -6.5117, 5.5089

Details

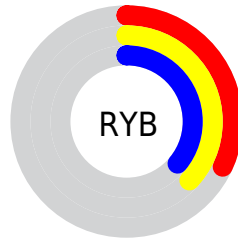
The Hex color **535E51** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C515E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **859082**, and **263024** is the 20% darker color. If you saturate the color by 10%, you get **4B5E48**, and if you desaturate by 10%, it is **5B5E5A**.

Distribution



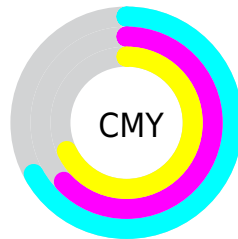
- Red (33%)
- Green (37%)
- Blue (32%)



- Red (32%)
- Yellow (37%)
- Blue (36%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (63%)



- Cyan (67%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535E51 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 535E51 by changing the saturation by 10% instead.



535E51



535E51

FFFFFF



3C463A



859082



263024



9FAB9C



121B10



BAC6B7



000000



D5E2D3



F2FFEF



535E51



535E51



4B5E48



5B5E5A



435E3E



635E64

■ 3B5E35

■ 6B5E6D

■ 335E2B

■ 735E77

■ 2B5E22

■ 7B5E80

■ 235E19

■ 835E89

■ 1B5E0F

■ 8B5E93

■ 135E06

■ 935E9C

■ 0E5E00

■ 9B5EA6

Harmonies

Analogous

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



5C5C4D



535E51



4C5F58

Triad

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



535E51



505C69



6B5656

Complementary

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



535E51



5C515E

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.



69565E



535E51



595A69

Square

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



535E51



495E66



625865



695750

Rectangle

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



535E51



485F5D



625865



6B5659

Sweetspot

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



535E51



767A76



5E5C51



3B3D3A



BDBDBD



3D3D3D

Same Dimension

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



535E51



697A66



515E55



2A2E29



116E00



24ED00

Inverse Universe

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



5C515E



77667A



5E515A



2D292E



5D006E



C900ED

Previews

White Background



This preview shows how the Hex color 535E51 looks on a white background.

Color Contrast Check

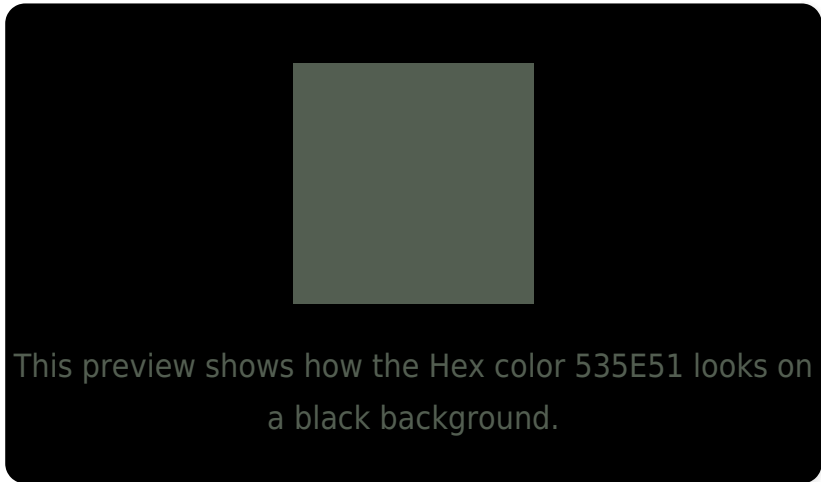
Large Text (above 18pt) WCAG AA ✓ Pass

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

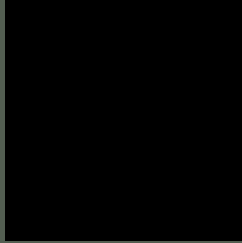
Any Text WCAG AA × Fail

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 535E51 Background



This preview shows how black text looks on a background with the Hex color 535E51.

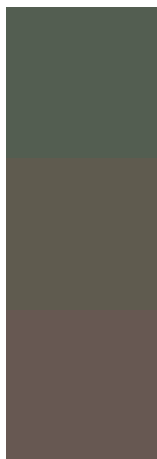


This preview shows how white text looks on a background with the Hex color 535E51.

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
535E51

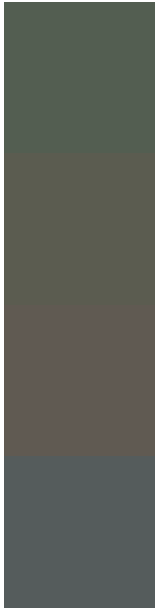
Protanopia
5F5B4F

Deuteranopia
675852



Tritanopia
565B63

Trichromacy



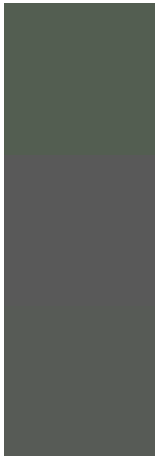
Original Color
535E51

Protanomaly
5B5C50

Deuteranomaly
605A52

Tritanomaly
555C5C

Monochromacy



Original Color
535E51

Achromatopsia
595959

Achromatomaly
575B56

CSS Examples

Text

The CSS property to change the color of the text to Hex 535E51 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 #535E51 looks like.

```
.text, #text, p{  
    color:#535E51  
}
```

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 #535E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535E51
}
```

Border

The CSS property to change the border of an element to Hex 535E51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

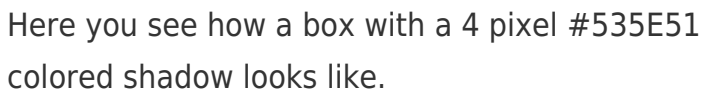
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#535E51 }
```

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

```
.border{ border-color:#535E51 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #535E51 color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #535E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535E51; -webkit-box-shadow:4px 4px  
4px 4px #535E51; box-shadow:4px 4px 4px  
4px #535E51 }
```

Background

The CSS property to change the background color of an element to Hex 535E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535E51 }
```

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

```
.background{ background-color:#535E51 }
```

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