

Converting Colors

Hex(535B49)

Have a look what the booklet for
Hex(535B49) contains.

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Color

Hex(535B49)

Conversions

Conversions Part 1

Format	Color
Hex	535B49
RGB	83, 91, 73
RGB Percent	33%, 36%, 29%
CMY	0.6745, 0.6431, 0.7137
CMYK	0.09, 0.00, 0.20, 0.64
HSL	87°, 11%, 32%
HSV	87°, 20%, 36%
XYZ	8.5110, 9.8022, 7.7468
YIQ	86.5560, 1.0100, -7.2940

Conversions

Conversions Part 2

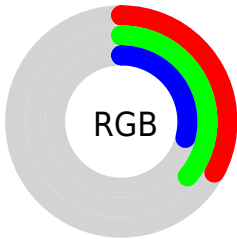
Format	Color
R_YB	73, 91, 81
Decimal	5462857
CIE Lab	37.49, -6.85, 9.34
CIE LCh	37, 11.583, 126.240
Yxy	9.8022, 0.3266, 0.3761
Android (android.graphics.Color)	4283652937 (0xFF535B49)
YUV	86.5560, -6.6831, -3.1186
Hunter-Lab	31.3085, -6.2660, 7.2456

Details

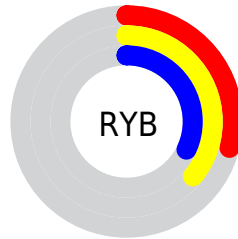
The Hex color **535B49** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51495B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **858D7A**, and **262D1D** is the 20% darker color. If you saturate the color by 10%, you get **4F5B40**, and if you desaturate by 10%, it is **575B52**.

Distribution



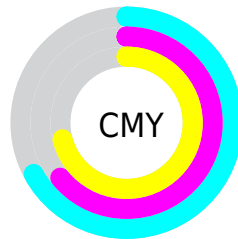
- Red (33%)
- Green (36%)
- Blue (29%)



- Red (29%)
- Yellow (36%)
- Blue (32%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (64%)



- Cyan (67%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535B49 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 535B49 by changing the saturation by 10% instead.



535B49



535B49

FFFFFF



3C4432



858D7A



262D1D



9FA793



121904



BAC3AE



000000



D5DFC9



F2FBE5



535B49



535B49



4F5B40



575B52



4B5B37



5B5B5B

■ 475B2E

■ 5F5B64

■ 435B25

■ 635B6D

■ 3F5B1B

■ 675B76

■ 3B5B12

■ 6B5B80

■ 375B09

■ 6F5B89

■ 335B00

■ 735B92

■ 775B9B

Harmonies

Analogous

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



5D5846



535B49



495D50

Triad

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



535B49



455B69



6B5257

Complementary

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



535B49



51495B

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.



665360



535B49



50586B

Square

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



535B49



3F5D63



5C5567



6B534E

Rectangle

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



535B49



435E57



5C5567



6A525A

Sweetspot

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



535B49



72756E



5B5149



393B37



BABABA



3B3B3B

Same Dimension

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



535B49



697559



4A5B49



2C2E29



3D6E00



84ED00

Inverse Universe

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



51495B



665975



5A495B



2B292E



31006E



6900ED

Previews

White Background



This preview shows how the Hex color 535B49 looks on a white background.

Color Contrast Check

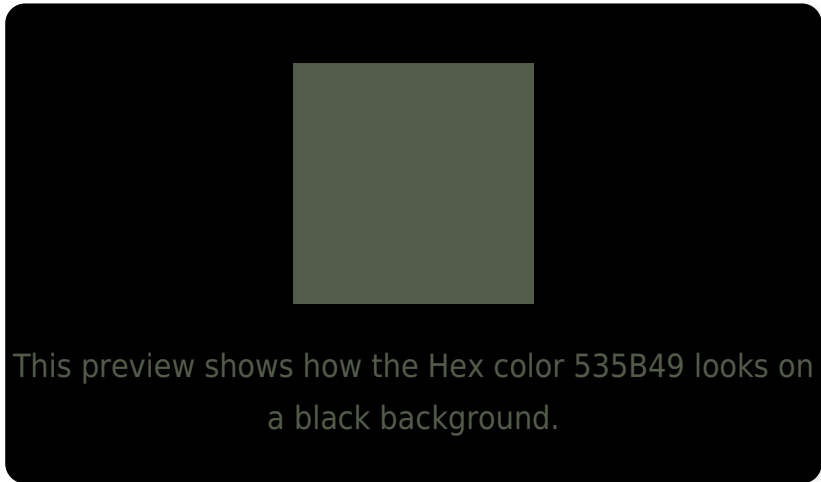
Large Text (above 18pt) WCAG AA ✓ Pass

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

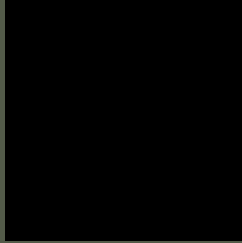
Any Text WCAG AA × Fail

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 535B49 Background



This preview shows how black text looks on a background with the Hex color 535B49.

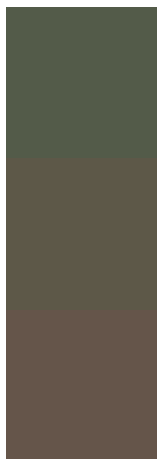


This preview shows how white text looks on a background with the Hex color 535B49.

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
535B49

Protanopia
5D5848

Deuteranopia
65554A



Tritanopia
56585F

Trichromacy



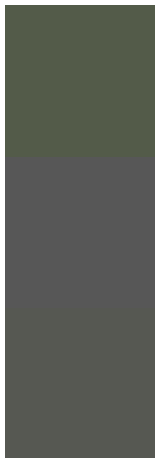
Original Color
535B49

Protanomaly
595948

Deuteranomaly
5E574A

Tritanomaly
555957

Monochromacy



Original Color
535B49

Achromatopsia
575757

Achromatomaly
565852

CSS Examples

Text

The CSS property to change the color of the text to Hex 535B49 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 #535B49 looks like.

```
.text, #text, p{  
    color:#535B49  
}
```

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 #535B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535B49
}
```

Border

The CSS property to change the border of an element to Hex 535B49 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
#535B49 }
```

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

```
.border{ border-color:#535B49 }
```

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

Here you see how a box with a 4 pixel #535B49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535B49; -webkit-box-shadow:4px 4px  
4px 4px #535B49; box-shadow:4px 4px 4px  
4px #535B49 }
```

Background

The CSS property to change the background color of an element to Hex 535B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535B49 }
```

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

```
.background{ background-color:#535B49 }
```

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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