

Converting Colors

Hex(535A56)

Have a look what the booklet for
Hex(535A56) contains.

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Color

Hex(535A56)

Conversions

Conversions Part 1

Format	Color
Hex	535A56
RGB	83, 90, 86
RGB Percent	33%, 35%, 34%
CMY	0.6745, 0.6471, 0.6627
CMYK	0.08, 0.00, 0.04, 0.65
HSL	146°, 4%, 34%
HSV	146°, 8%, 35%
XYZ	8.9032, 9.8232, 10.2309
YIQ	87.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

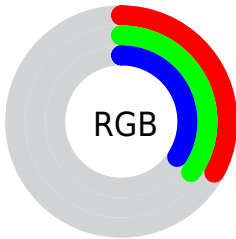
Format	Color
R_{YB}	83, 88, 90
Decimal	5462614
CIE Lab	37.52, -3.63, 1.36
CIE LCh	38, 3.873, 159.491
Yxy	9.8232, 0.3075, 0.3392
Android (android.graphics.Color)	4283652694 (0xFF535A56)
YUV	87.4510, -0.7153, -3.9035
Hunter-Lab	31.3420, -4.1430, 2.5855

Details

The Hex color **535A56** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A5357**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **848C88**, and **262C29** is the 20% darker color. If you saturate the color by 10%, you get **4A5A51**, and if you desaturate by 10%, it is **5C5A5B**.

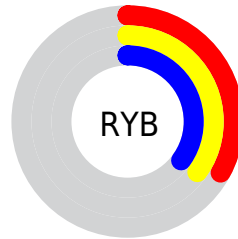
Distribution



Red (33%)

Green (35%)

Blue (34%)



Red (33%)

Yellow (35%)

Blue (35%)

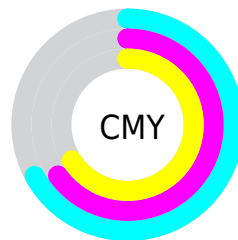


Cyan (8%)

Magenta (0%)

Yellow (4%)

Black (65%)



Cyan (67%)

Magenta (65%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535A56 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 535A56 by changing the saturation by 10% instead.



535A56



535A56

FFFFFF



3C433F



848C88



262C29



9FA6A2



121815



B9C2BD



000000



D5DDD9



F2FAF5



535A56



535A56



4A5A51



5C5A5B



415A4C



655A60

■ 385A47

■ 6E5A65

■ 2F5A41

■ 775A6B

■ 265A3C

■ 805A70

■ 1D5A37

■ 895A75

■ 145A32

■ 925A7A

■ 0B5A2D

■ 9B5A7F

■ 025A28

■ A45A84

Harmonies

Analogous

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



565953



535A56



515A59

Triad

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



535A56



56585E



5F5754

Complementary

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



535A56



5A5357

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.



5F5657



535A56



5A575D

Square

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



535A56



53595E



5D565B



5D5753

Rectangle

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



535A56



515A5B



5D565B



5F5655

Sweetspot

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



535A56



737574



575A53



393B3A



BABABA



3B3B3B

Same Dimension

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



535A56



6B756F



535A59



292E2B



006E2F



00ED66

Inverse Universe

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



5A5357



756B71



5A5354



2E292C



6E003F



ED0088

Previews

White Background



This preview shows how the Hex color 535A56 looks on a white background.

Color Contrast Check

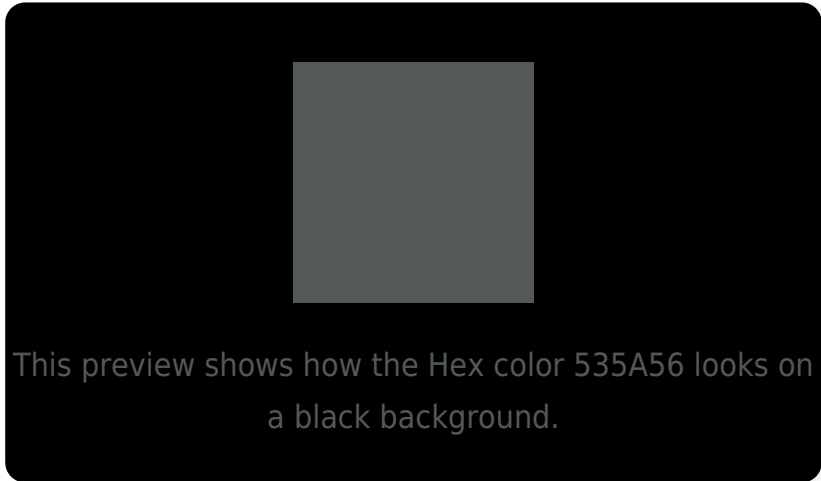
Large Text (above 18pt) WCAG AA ✓ Pass

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

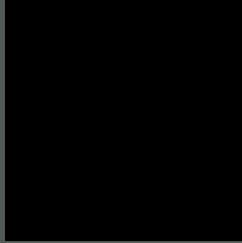
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

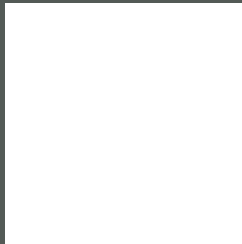
Any Text WCAG AAA × Fail

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

Hex 535A56 Background



This preview shows how black text looks on a background with the Hex color 535A56.



This preview shows how white text looks on a background with the Hex color 535A56.

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


535A56

Protanopia

5B5855

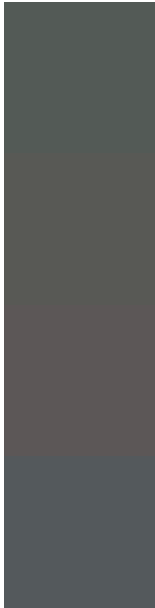
Deuteranopia

615557



Tritanopia
555960

Trichromacy



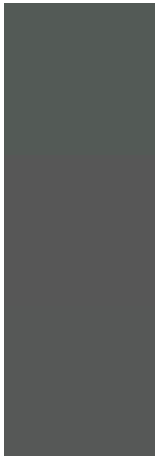
Original Color
535A56

Protanomaly
585955

Deuteranomaly
5C5757

Tritanomaly
54595C

Monochromacy



Original Color
535A56

Achromatopsia
575757

Achromatomaly
565857

CSS Examples

Text

The CSS property to change the color of the text to Hex 535A56 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 #535A56 looks like.

```
.text, #text, p{  
    color:#535A56  
}
```

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 #535A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535A56
}
```

Border

The CSS property to change the border of an element to Hex 535A56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

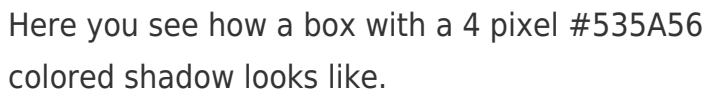
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#535A56 }
```

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

```
.border{ border-color:#535A56 }
```

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



Here you see how a box with a 4 pixel #535A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535A56; -webkit-box-shadow:4px 4px  
4px 4px #535A56; box-shadow:4px 4px 4px  
4px #535A56 }
```

Background

The CSS property to change the background color of an element to Hex 535A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535A56 }
```

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

```
.background{ background-color:#535A56 }
```

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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