

Converting Colors

Hex(536A56)

Have a look what the booklet for
Hex(536A56) contains.

Hex(536A56)	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(536A56)

Conversions

Conversions Part 1

Format	Color
Hex	536A56
RGB	83, 106, 86
RGB Percent	33%, 42%, 34%
CMY	0.6745, 0.5843, 0.6627
CMYK	0.22, 0.00, 0.19, 0.58
HSL	128°, 12%, 37%
HSV	128°, 22%, 42%
XYZ	10.4010, 12.8190, 10.7302
YIQ	96.8430, -7.2880, -11.0960

Conversions

Conversions Part 2

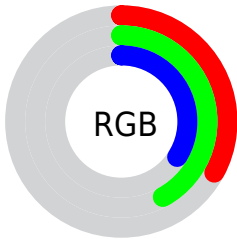
Format	Color
RYB	83, 103, 106
Decimal	5466710
CIELab	42.49, -12.95, 8.46
CIELCh	42, 15.472, 146.838
Yxy	12.8190, 0.3064, 0.3776
Android (android.graphics.Color)	4283656790 (0xFF536A56)
YUV	96.8430, -5.3456, -12.1403
Hunter-Lab	35.8036, -10.8015, 7.2935

Details

The Hex color **536A56** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A5367**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **859D88**, and **253B29** is the 20% darker color. If you saturate the color by 10%, you get **486A4D**, and if you desaturate by 10%, it is **5E6A5F**.

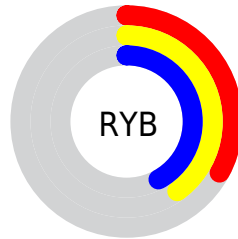
Distribution



Red (33%)

Green (42%)

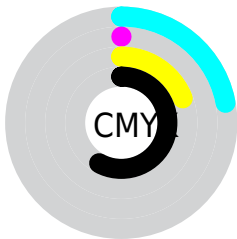
Blue (34%)



Red (33%)

Yellow (40%)

Blue (42%)

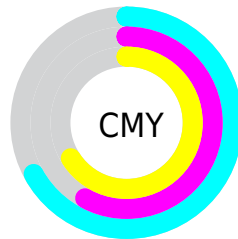


Cyan (22%)

Magenta (0%)

Yellow (19%)

Black (58%)



Cyan (67%)

Magenta (58%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536A56 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 536A56 by changing the saturation by 10% instead.

■ 536A56

■ 536A56

FFFFFF

■ 3C523F

■ 859D88

■ 253B29

■ 9FB8A2

■ 102514

■ BAD4BD

■ 001000

■ D6F0D9

■ 000000

■ F2FFF5

■ 536A56

■ 536A56

■ 486A4D

■ 5E6A5F

■ 3E6A44

■ 686A68

■ 336A3A

■ 736A72

■ 296A31

■ 7D6A7B

■ 1E6A28

■ 886A84

■ 136A1F

■ 936A8D

■ 096A15

■ 9D6A97

■ 006A0E

■ A86AA0

■ B26AA9

Harmonies

Analogous

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



62674D



536A56



466B62

Triad

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



536A56



53667D



7E5C59

Complementary

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



536A56



6A5367

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.



7D5B66



536A56



65617B

Square

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



536A56



456979



745D72



795F4F

Rectangle

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



536A56



416C6B



745D72



7F5B5D

Sweetspot

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



536A56



808A81



676A53



3F4540



C4C4C4



454545

Same Dimension

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



536A56



668A6B



536A61



303631



00750F



00F520

Inverse Universe

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



6A5367



8A6685



6A535C



363035



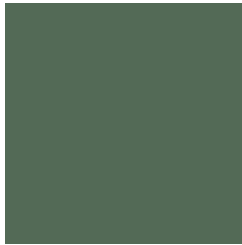
750066



F500D5

Previews

White Background



This preview shows how the Hex color 536A56 looks on a white background.

Color Contrast Check

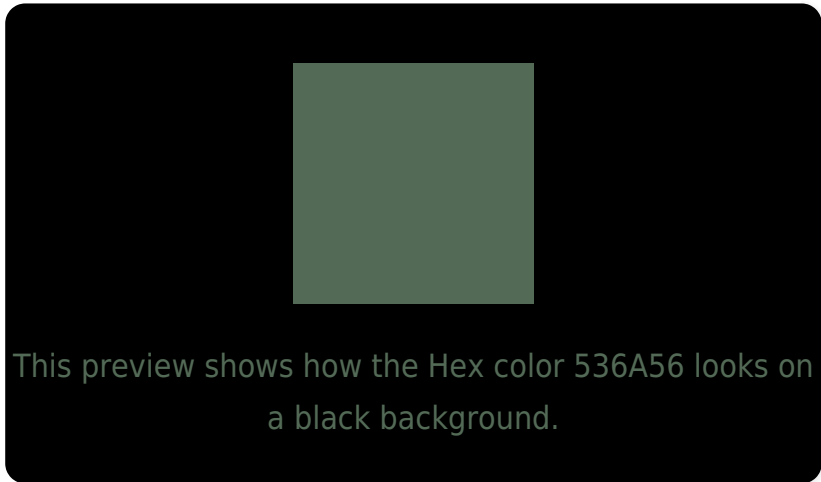
Large Text (above 18pt) WCAG AA ✓ Pass

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

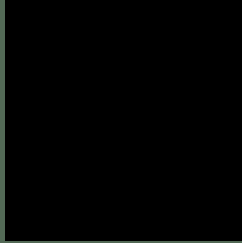
Any Text WCAG AA × Fail

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 536A56 Background



This preview shows how black text looks on a background with the Hex color 536A56.



This preview shows how white text looks on a background with the Hex color 536A56.

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](#).

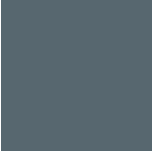
Dichromacy



Original Color
536A56

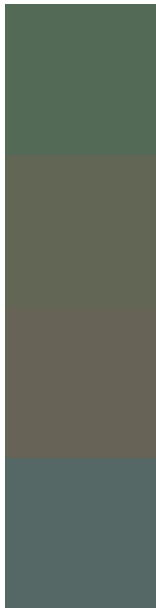
Protanopia
6A6453

Deuteranopia
726058



Tritanopia
57676F

Trichromacy



Original Color
536A56

Protanomaly
626654

Deuteranomaly
676457

Tritanomaly
566866

Monochromacy



Original Color
536A56

Achromatopsia
616161

Achromatomaly
5C645D

CSS Examples

Text

The CSS property to change the color of the text to Hex 536A56 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 #536A56 looks like.

```
.text, #text, p{  
    color:#536A56  
}
```

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 #536A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536A56
}
```

Border

The CSS property to change the border of an element to Hex 536A56 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
#536A56 }
```

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

```
.border{ border-color:#536A56 }
```

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

Here you see how a box with a 4 pixel #536A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536A56; -webkit-box-shadow:4px 4px  
4px 4px #536A56; box-shadow:4px 4px 4px  
4px #536A56 }
```

Background

The CSS property to change the background color of an element to Hex 536A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536A56 }
```

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

```
.background{ background-color:#536A56 }
```

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