

Converting Colors

Hex(536B66)

Have a look what the booklet for
Hex(536B66) contains.

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Color

Hex(536B66)

Conversions

Conversions Part 1

Format	Color
Hex	536B66
RGB	83, 107, 102
RGB Percent	33%, 42%, 40%
CMY	0.6745, 0.5804, 0.6000
CMYK	0.22, 0.00, 0.05, 0.58
HSL	168°, 13%, 37%
HSV	168°, 22%, 42%
XYZ	11.2232, 13.3137, 14.5486
YIQ	99.2540, -12.6990, -6.6430

Conversions

Conversions Part 2

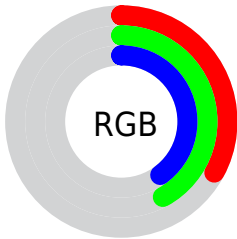
Format	Color
RYB	83, 96, 107
Decimal	5466982
CIELab	43.23, -10.01, -0.12
CIELCh	43, 10.012, 180.702
Yxy	13.3137, 0.2871, 0.3406
Android (android.graphics.Color)	4283657062 (0xFF536B66)
YUV	99.2540, 1.3538, -14.2548
Hunter-Lab	36.4879, -8.9495, 1.9012

Details

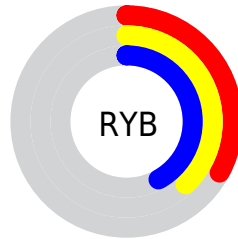
The Hex color **536B66** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B5358**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **859E99**, and **253C37** is the 20% darker color. If you saturate the color by 10%, you get **486B64**, and if you desaturate by 10%, it is **5E6B68**.

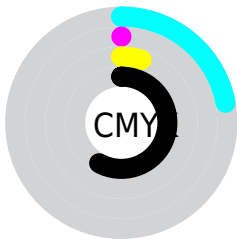
Distribution



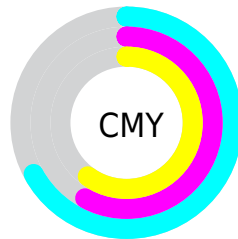
- Red (33%)
- Green (42%)
- Blue (40%)



- Red (33%)
- Yellow (38%)
- Blue (42%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (58%)



- Cyan (67%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536B66 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 536B66 by changing the saturation by 10% instead.

■ 536B66

■ 536B66

FFFFFF

■ 3C534E

■ 859E99

■ 253C37

■ 9FB9B4

■ 102622

■ BAD5CF

■ 00120C

■ D6F1EB

■ 000000

■ F3FFFF

■ 536B66

■ 536B66

■ 486B64

■ 5E6B68

■ 3E6B62

■ 686B6A

■ 336B5F

■ 736B6D

■ 286B5D

■ 7E6B6F

■ 1D6B5B

■ 896B71

■ 136B59

■ 936B73

■ 086B56

■ 9E6B76

■ 006B55

■ A96B78

■ B36B7A

Harmonies

Analogous

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



5A6A5E



536B66



516B6E

Triad

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



536B66



686474



746358

Complementary

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



536B66



6B5358

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.



78615E



536B66



71626E

Square

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



536B66



5D6776



776066



6D6656

Rectangle

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



536B66



536A73



776066



76625A

Sweetspot

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



536B66



828C8A



586B53



424746



C7C7C7



474747

Same Dimension

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



536B66



668C84



53646B



303634



00755D



00F5C2

Inverse Universe

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



6B5358



8C666E



6B5A53



363031



750018



F50033

Previews

White Background



This preview shows how the Hex color 536B66 looks on a white background.

Color Contrast Check

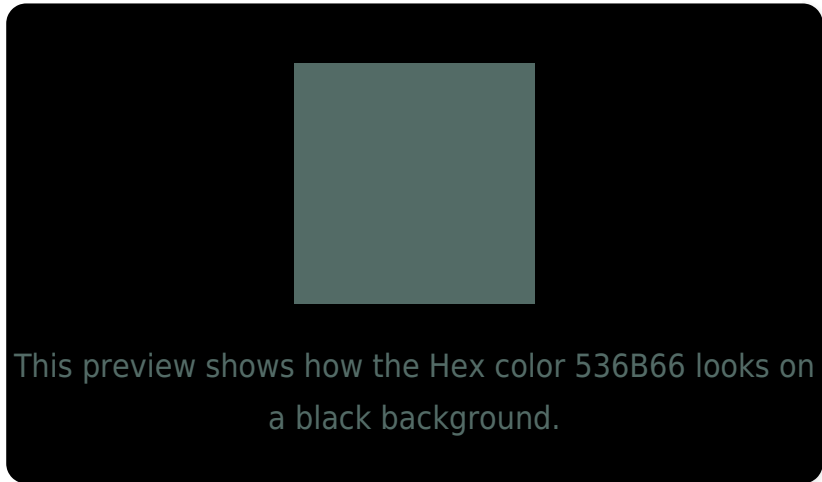
Large Text (above 18pt) WCAG AA ✓ Pass

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

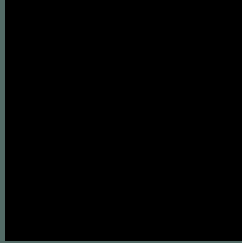
Any Text WCAG AA × Fail

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 536B66 Background



This preview shows how black text looks on a background with the Hex color 536B66.



This preview shows how white text looks on a background with the Hex color 536B66.

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](#).

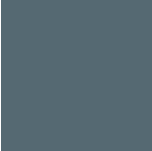
Dichromacy



Original Color
536B66

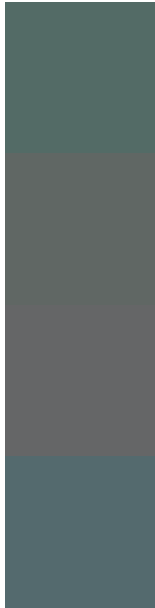
Protanopia
686563

Deuteranopia
6F6368



Tritanopia
556972

Trichromacy



Original Color
536B66

Protanomaly
606764

Deuteranomaly
656667

Tritanomaly
546A6E

Monochromacy



Original Color
536B66

Achromatopsia
636363

Achromatomaly
5D6664

CSS Examples

Text

The CSS property to change the color of the text to Hex 536B66 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 #536B66 looks like.

```
.text, #text, p{  
    color:#536B66  
}
```

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 #536B66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536B66  
}
```

Border

The CSS property to change the border of an element to Hex 536B66 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  
#536B66 }
```

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

```
.border{ border-color:#536B66 }
```

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

Here you see how a box with a 4 pixel #536B66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536B66; -webkit-box-shadow:4px 4px  
4px 4px #536B66; box-shadow:4px 4px 4px  
4px #536B66 }
```

Background

The CSS property to change the background color of an element to Hex 536B66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536B66 }
```

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

```
.background{ background-color:#536B66 }
```

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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