

Converting Colors

Hex(536B75)

Have a look what the booklet for
Hex(536B75) contains.

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Color

Hex(536B75)

Conversions

Conversions Part 1

Format	Color
Hex	536B75
RGB	83, 107, 117
RGB Percent	33%, 42%, 46%
CMY	0.6745, 0.5804, 0.5412
CMYK	0.29, 0.09, 0.00, 0.54
HSL	198°, 17%, 39%
HSV	198°, 29%, 46%
XYZ	12.0359, 13.6387, 18.8278
YIQ	100.9640, -17.5140, -1.9780

Conversions

Conversions Part 2

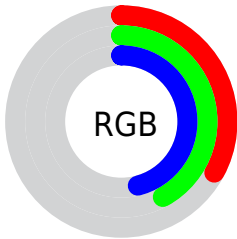
Format	Color
RYB	83, 97, 117
Decimal	5466997
CIELab	43.71, -6.29, -8.47
CIELCh	44, 10.554, 233.418
Yxy	13.6387, 0.2705, 0.3065
Android (android.graphics.Color)	4283657077 (0xFF536B75)
YUV	100.9640, 7.9057, -15.7544
Hunter-Lab	36.9307, -6.4548, -4.3755

Details

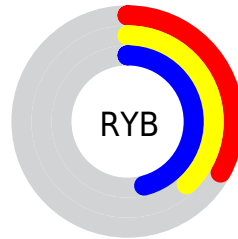
The Hex color **536B75** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **755D53**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **859EA9**, and **243C45** is the 20% darker color. If you saturate the color by 10%, you get **476875**, and if you desaturate by 10%, it is **5F6E75**.

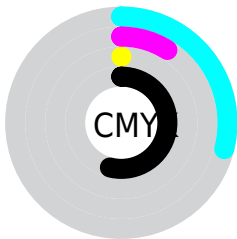
Distribution



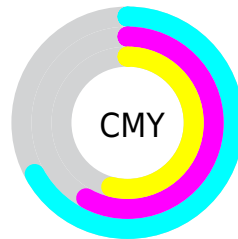
- Red (33%)
- Green (42%)
- Blue (46%)



- Red (33%)
- Yellow (38%)
- Blue (46%)



- Cyan (29%)
- Magenta (9%)
- Yellow (0%)
- Black (54%)



- Cyan (67%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536B75 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 536B75 by changing the saturation by 10% instead.

■ 536B75

■ 536B75

FFFFFF

■ 3B535C

■ 859EA9

■ 243C45

■ A0B9C4

■ 0E262F

■ BBD5E0

■ 00121A

■ D7F1FD

■ 000000

■ F3FFFF

■ 536B75

■ 536B75

■ 476875

■ 5F6E75

■ 3C6475

■ 6A7275

■ 306175

■ 767575

■ 245D75

■ 827975

■ 195A75

■ 8E7C75

■ 0D5675

■ 998075

■ 015375

■ A58375

■ 005375

■ B18775

■ BC8A75

Harmonies

Analogous

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



516C6E



536B75



5B6978

Triad

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



536B75



78616A



676957

Complementary

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



536B75



755D53

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.



706656



536B75



7A6261

Square

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



536B75



716372



77635A



5D6B5D

Rectangle

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



536B75



636778



77635A



6A6856

Sweetspot

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



536B75



8B9599



53755D



444A4D



CCCCCC



4D4D4D

Same Dimension

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



536B75



638999



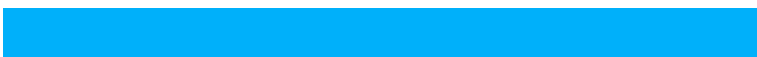
535A75



35393B



00567A



00B0FA

Inverse Universe

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



75536B



996389



756E53



3B3539



7A0056



FA00B0

Previews

White Background



This preview shows how the Hex color 536B75 looks on a white background.

Color Contrast Check

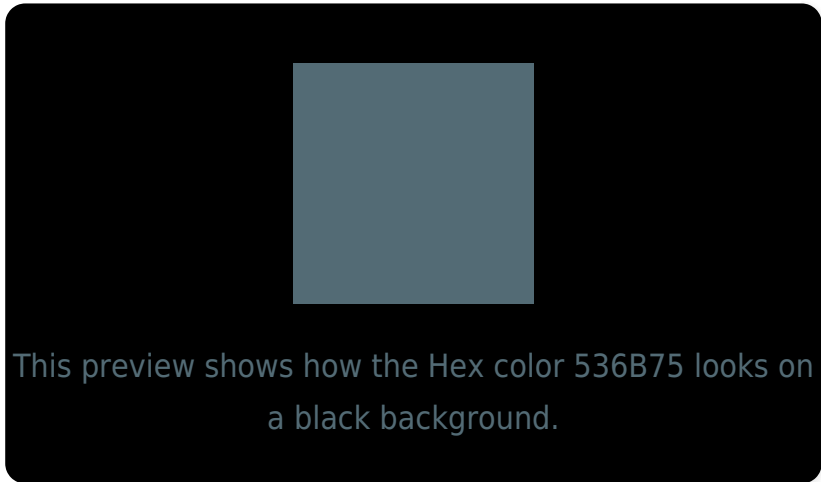
Large Text (above 18pt) WCAG AA ✓ Pass

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

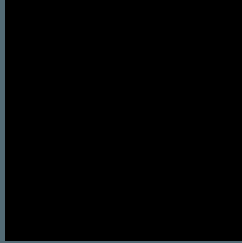
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

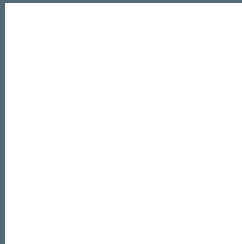
Any Text WCAG AAA × Fail

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

Hex 536B75 Background



This preview shows how black text looks on a background with the Hex color 536B75.

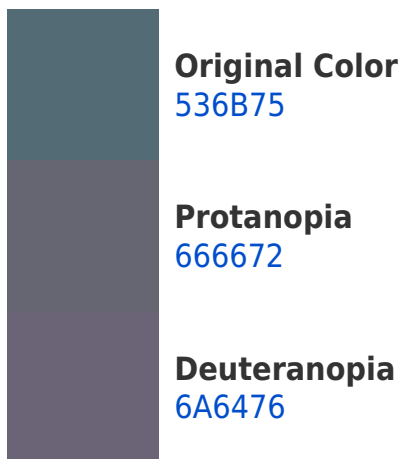


This preview shows how white text looks on a background with the Hex color 536B75.

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





Tritanopia
536B74

Trichromacy



Original Color
536B75

Protanomaly
5F6873

Deuteranomaly
626776

Tritanomaly
536B74

Monochromacy



Original Color
536B75

Achromatopsia
656565

Achromatomaly
5E676B

CSS Examples

Text

The CSS property to change the color of the text to Hex 536B75 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 #536B75 looks like.

```
.text, #text, p{  
    color:#536B75  
}
```

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 #536B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536B75
}
```

Border

The CSS property to change the border of an element to Hex 536B75 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
#536B75 }
```

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

```
.border{ border-color:#536B75 }
```

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

Here you see how a box with a 4 pixel #536B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536B75; -webkit-box-shadow:4px 4px  
4px 4px #536B75; box-shadow:4px 4px 4px  
4px #536B75 }
```

Background

The CSS property to change the background color of an element to Hex 536B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536B75 }
```

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

```
.background{ background-color:#536B75 }
```

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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