

Converting Colors

Hex(536C70)

Have a look what the booklet for
Hex(536C70) contains.

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Color

Hex(536C70)

Conversions

Conversions Part 1

Format	Color
Hex	536C70
RGB	83, 108, 112
RGB Percent	33%, 42%, 44%
CMY	0.6745, 0.5765, 0.5608
CMYK	0.26, 0.04, 0.00, 0.56
HSL	188°, 15%, 38%
HSV	188°, 26%, 44%
XYZ	11.8545, 13.7340, 17.3554
YIQ	100.9810, -16.1840, -4.0560

Conversions

Conversions Part 2

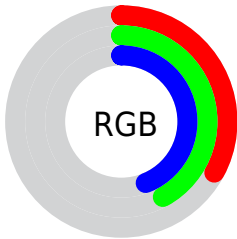
Format	Color
RYB	83, 96, 112
Decimal	5467248
CIELab	43.85, -8.16, -5.25
CIELCh	44, 9.700, 212.781
Yxy	13.7340, 0.2760, 0.3198
Android (android.graphics.Color)	4283657328 (0xFF536C70)
YUV	100.9810, 5.4324, -15.7693
Hunter-Lab	37.0594, -7.7557, -1.8247

Details

The Hex color **536C70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **705753**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **859FA4**, and **253D40** is the 20% darker color. If you saturate the color by 10%, you get **486A70**, and if you desaturate by 10%, it is **5E6E70**.

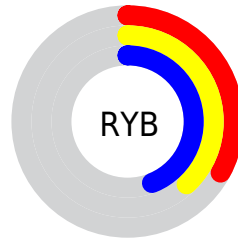
Distribution



Red (33%)

Green (42%)

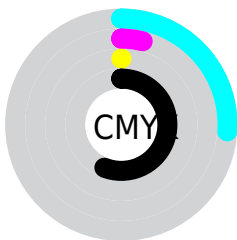
Blue (44%)



Red (33%)

Yellow (38%)

Blue (44%)

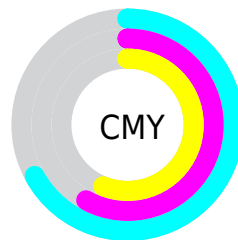


Cyan (26%)

Magenta (4%)

Yellow (0%)

Black (56%)



Cyan (67%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536C70 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 536C70 by changing the saturation by 10% instead.

■ 536C70

■ 536C70

FFFFFF

■ 3B5458

■ 859FA4

■ 253D40

■ A0BABF

■ 0E272A

■ BBD6DB

■ 001316

■ D7F3F7

■ 000000

■ F3FFFF

■ 536C70

■ 536C70

■ 486A70

■ 5E6E70

■ 3D6970

■ 696F70

■ 316770

■ 757170

■ 266670

■ 807270

■ 1B6470

■ 8B7470

■ 106370

■ 967570

■ 056170

■ A17770

■ 006170

■ AD7870

■ B87A70

Harmonies

Analogous

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



556C68



536C70



576A76

Triad

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



536C70



73636F



6D6758

Complementary

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



536C70



705753

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.



75655A



536C70



786267

Square

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



536C70



6A6575



79635F



646A5A

Rectangle

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



536C70



5D6977



79635F



706658

Sweetspot

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



536C70



869091



537057



43494A



C9C9C9



4A4A4A

Same Dimension

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



536C70



648B91



535E70



323738



006778



00D5F7

Inverse Universe

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



70536C



91648B



706553



383237



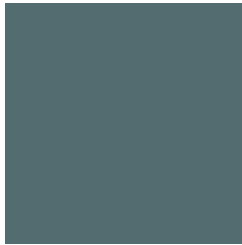
780067



F700D5

Previews

White Background



This preview shows how the Hex color 536C70 looks on a white background.

Color Contrast Check

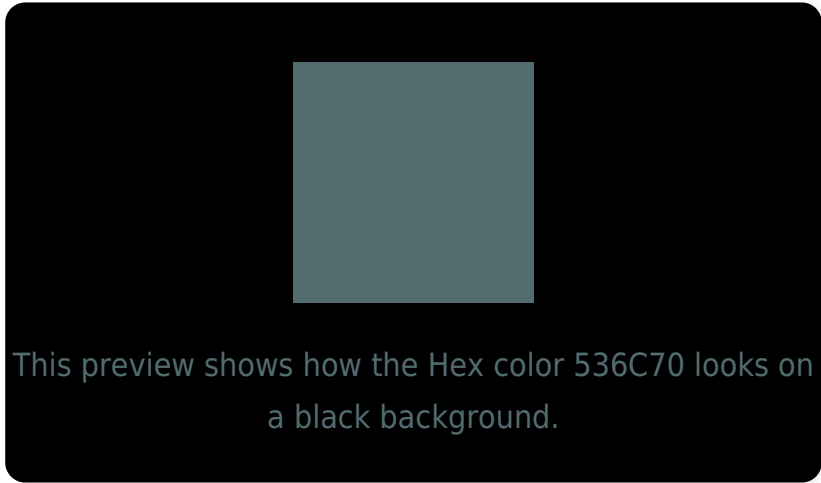
Large Text (above 18pt) WCAG AA ✓ Pass

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

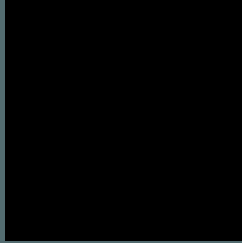
Any Text WCAG AA × Fail

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 536C70 Background



This preview shows how black text looks on a background with the Hex color 536C70.



This preview shows how white text looks on a background with the Hex color 536C70.

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
536C70

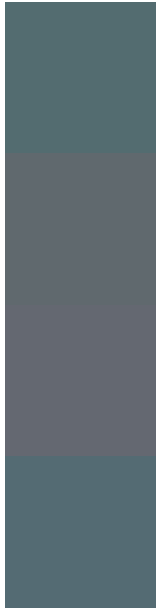
Protanopia
68676D

Deuteranopia
6D6572



Tritanopia
546B74

Trichromacy



Original Color
536C70

Protanomaly
60696E

Deuteranomaly
646871

Tritanomaly
546B73

Monochromacy



Original Color
536C70

Achromatopsia
656565

Achromatomaly
5E6869

CSS Examples

Text

The CSS property to change the color of the text to Hex 536C70 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 #536C70 looks like.

```
.text, #text, p{  
    color:#536C70  
}
```

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 #536C70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536C70
}
```

Border

The CSS property to change the border of an element to Hex 536C70 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
#536C70 }
```

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

```
.border{ border-color:#536C70 }
```

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

Here you see how a box with a 4 pixel #536C70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536C70; -webkit-box-shadow:4px 4px  
4px 4px #536C70; box-shadow:4px 4px 4px  
4px #536C70 }
```

Background

The CSS property to change the background color of an element to Hex 536C70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536C70 }
```

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

```
.background{ background-color:#536C70 }
```

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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