

Converting Colors

Hex(536D74)

Have a look what the booklet for
Hex(536D74) contains.

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Color

Hex(536D74)

Conversions

Conversions Part 1

Format	Color
Hex	536D74
RGB	83, 109, 116
RGB Percent	33%, 43%, 45%
CMY	0.6745, 0.5725, 0.5451
CMYK	0.28, 0.06, 0.00, 0.55
HSL	193°, 17%, 39%
HSV	193°, 28%, 45%
XYZ	12.1883, 14.0372, 18.5901
YIQ	102.0240, -17.7430, -3.3350

Conversions

Conversions Part 2

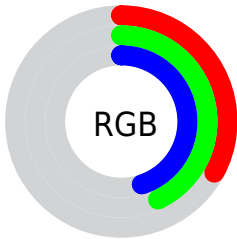
Format	Color
RYB	83, 98, 116
Decimal	5467508
CIELab	44.29, -7.72, -7.01
CIELCh	44, 10.426, 222.255
Yxy	14.0372, 0.2720, 0.3132
Android (android.graphics.Color)	4283657588 (0xFF536D74)
YUV	102.0240, 6.8902, -16.6840
Hunter-Lab	37.4663, -7.4975, -3.1922

Details

The Hex color **536D74** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **745A53**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **85A0A8**, and **243E44** is the 20% darker color. If you saturate the color by 10%, you get **476B74**, and if you desaturate by 10%, it is **5F6F74**.

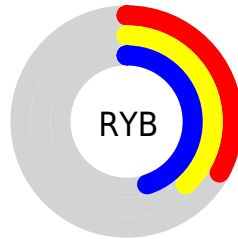
Distribution



Red (33%)

Green (43%)

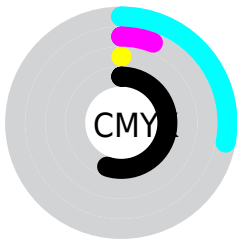
Blue (45%)



Red (33%)

Yellow (38%)

Blue (45%)

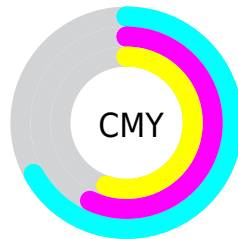


Cyan (28%)

Magenta (6%)

Yellow (0%)

Black (55%)



Cyan (67%)

Magenta (57%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536D74 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 536D74 by changing the saturation by 10% instead.



536D74



536D74

FFFFFF



3B555B



85A0A8



243E44



A0BBC3



0D282E



BBD7DF



001419



D7F4FC



000000



F3FFFF



536D74



536D74



476B74



5F6F74



3C6874



6A7274

■ 306674

■ 767474

■ 256374

■ 817774

■ 196174

■ 8D7974

■ 0D5E74

■ 997C74

■ 025C74

■ A47E74

■ 005B74

■ B08174

■ BB8374

Harmonies

Analogous

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



536E6C



536D74



596B79

Triad

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



536D74



77636E



6C6958

Complementary

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



536D74



745A53

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.



746658



536D74



7B6365

Square

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



536D74



6F6576



7A645D



626C5C

Rectangle

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



536D74



60697A



7A645D



6F6858

Sweetspot

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



536D74



899496



53745A



444B4D



CCCCCC



4D4D4D

Same Dimension

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



536D74



638C96



535D74



35393B



00607A



00C5FA

Inverse Universe

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



74536D



96638C



746A53



3B3539



7A0060



FA00C5

Previews

White Background



This preview shows how the Hex color 536D74 looks on a white background.

Color Contrast Check

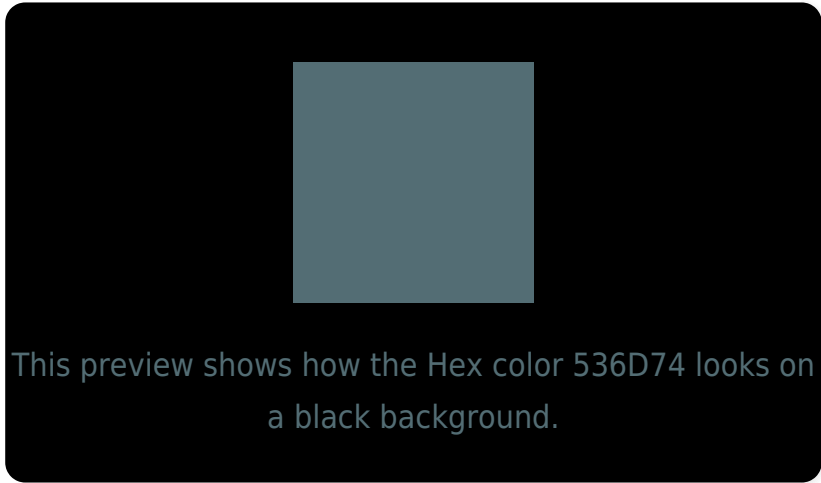
Large Text (above 18pt) WCAG AA ✓ Pass

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

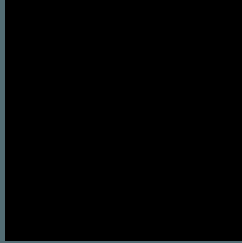
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

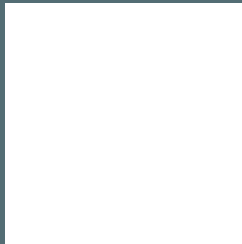
Any Text WCAG AAA × Fail

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

Hex 536D74 Background



This preview shows how black text looks on a background with the Hex color 536D74.

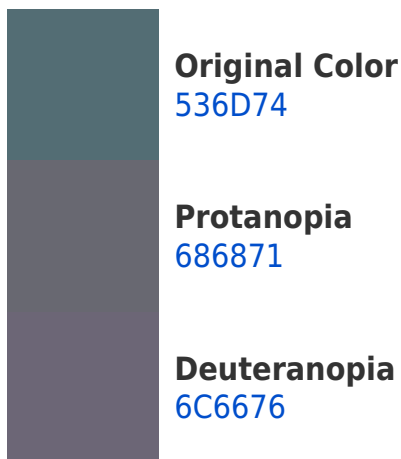



This preview shows how white text looks on a background with the Hex color 536D74.

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](#).

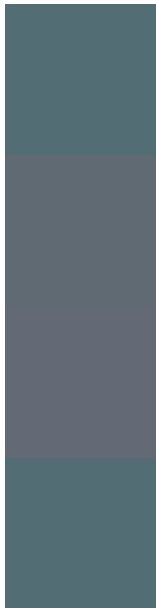
Dichromacy





Tritanopia
536D75

Trichromacy



Original Color
536D74

Protanomaly
606A72

Deuteranomaly
636975

Tritanomaly
536D75

Monochromacy



Original Color
536D74

Achromatopsia
666666

Achromatomaly
5F696B

CSS Examples

Text

The CSS property to change the color of the text to Hex 536D74 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 #536D74 looks like.

```
.text, #text, p{  
    color:#536D74  
}
```

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 #536D74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536D74
}
```

Border

The CSS property to change the border of an element to Hex 536D74 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
#536D74 }
```

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

```
.border{ border-color:#536D74 }
```

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

Here you see how a box with a 4 pixel #536D74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536D74; -webkit-box-shadow:4px 4px  
4px 4px #536D74; box-shadow:4px 4px 4px  
4px #536D74 }
```

Background

The CSS property to change the background color of an element to Hex 536D74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536D74 }
```

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

```
.background{ background-color:#536D74 }
```

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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