

Converting Colors

Hex(536A68)

Have a look what the booklet for
Hex(536A68) contains.

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Color

Hex(536A68)

Conversions

Conversions Part 1

Format	Color
Hex	536A68
RGB	83, 106, 104
RGB Percent	33%, 42%, 41%
CMY	0.6745, 0.5843, 0.5922
CMYK	0.22, 0.00, 0.02, 0.58
HSL	175°, 12%, 37%
HSV	175°, 22%, 42%
XYZ	11.2200, 13.1465, 15.0429
YIQ	98.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

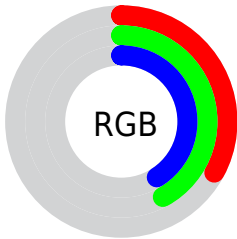
Format	Color
R_{YB}	83, 95, 106
Decimal	5466728
CIE _{Lab}	42.98, -8.96, -1.70
CIE _{LCh}	43, 9.121, 190.721
Yxy	13.1465, 0.2847, 0.3336
Android (android.graphics.Color)	4283656808 (0xFF536A68)
YUV	98.8950, 2.5168, -13.9399
Hunter-Lab	36.2582, -8.2154, 0.7823

Details

The Hex color **536A68** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A5355**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **859D9B**, and **253B39** is the 20% darker color. If you saturate the color by 10%, you get **486A67**, and if you desaturate by 10%, it is **5E6A69**.

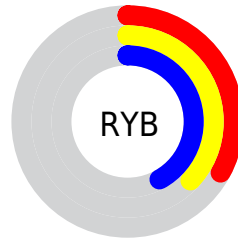
Distribution



Red (33%)

Green (42%)

Blue (41%)



Red (33%)

Yellow (37%)

Blue (42%)

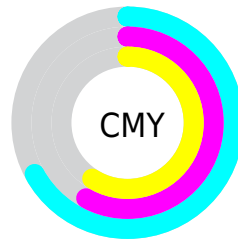


Cyan (22%)

Magenta (0%)

Yellow (2%)

Black (58%)



Cyan (67%)

Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536A68 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 536A68 by changing the saturation by 10% instead.

■ 536A68

■ 536A68

FFFFFF

■ 3C5250

■ 859D9B

■ 253B39

■ 9FB8B6

■ 102524

■ BAD4D1

■ 00110E

■ D6F0EE

■ 000000

■ F3FFFF

■ 536A68

■ 536A68

■ 486A67

■ 5E6A69

■ 3E6A66

■ 686A6A

■ 336A65

■ 736A6B

■ 296A64

■ 7D6A6C

■ 1E6A63

■ 886A6D

■ 136A62

■ 936A6E

■ 096A62

■ 9D6A6E

■ 006A61

■ A86A6F

■ B26A70

Harmonies

Analogous

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



586A60



536A68



53696F

Triad

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



536A68



6A6371



706357

Complementary

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



536A68



6A5355

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.



75615C



536A68



72616B

Square

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



536A68



616574



756063



696657

Rectangle

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



536A68



566872



756063



726359

Sweetspot

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



536A68



808A89



556A53



3F4544



C4C4C4



454545

Same Dimension

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



536A68



668A87



53616A



303635



00756B



00F5E0

Inverse Universe

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



6A5355



8A6669



6A5C53



363031



75000A



F50015

Previews

White Background



This preview shows how the Hex color 536A68 looks on a white background.

Color Contrast Check

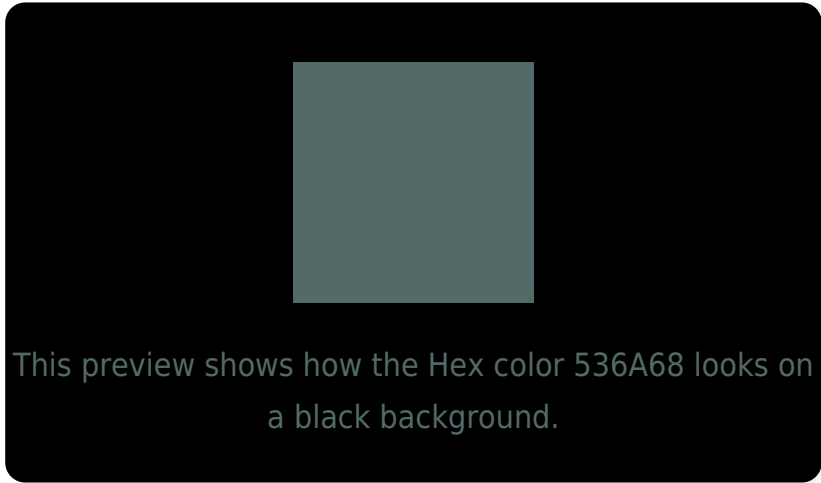
Large Text (above 18pt) WCAG AA ✓ Pass

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

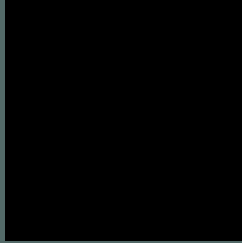
Any Text WCAG AA × Fail

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 536A68 Background



This preview shows how black text looks on a background with the Hex color 536A68.



This preview shows how white text looks on a background with the Hex color 536A68.

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](#).

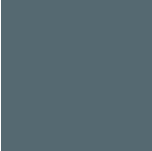
Dichromacy



Original Color
536A68

Protanopia
676565

Deuteranopia
6D626A



Tritanopia
556971

Trichromacy



Original Color
536A68

Protanomaly
606766

Deuteranomaly
646569

Tritanomaly
54696E

Monochromacy



Original Color
536A68

Achromatopsia
636363

Achromatomaly
5D6665

CSS Examples

Text

The CSS property to change the color of the text to Hex 536A68 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 #536A68 looks like.

```
.text, #text, p{  
    color:#536A68  
}
```

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 #536A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536A68
}
```

Border

The CSS property to change the border of an element to Hex 536A68 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
#536A68 }
```

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

```
.border{ border-color:#536A68 }
```

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

Here you see how a box with a 4 pixel #536A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536A68; -webkit-box-shadow:4px 4px  
4px 4px #536A68; box-shadow:4px 4px 4px  
4px #536A68 }
```

Background

The CSS property to change the background color of an element to Hex 536A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536A68 }
```

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

```
.background{ background-color:#536A68 }
```

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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