

Converting Colors

Hex(566F6A)

Have a look what the booklet for
Hex(566F6A) contains.

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Color

Hex(566F6A)

Conversions

Conversions Part 1

Format	Color
Hex	566F6A
RGB	86, 111, 106
RGB Percent	34%, 44%, 42%
CMY	0.6627, 0.5647, 0.5843
CMYK	0.23, 0.00, 0.05, 0.56
HSL	168°, 13%, 39%
HSV	168°, 23%, 44%
XYZ	12.1237, 14.3879, 15.7738
YIQ	102.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

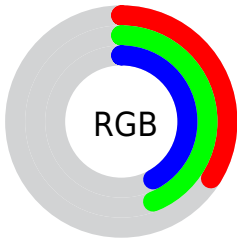
Format	Color
R_{YB}	86, 100, 111
Decimal	5664618
CIE _{Lab}	44.78, -10.31, -0.24
CIE _{LCh}	45, 10.312, 181.333
Yxy	14.3879, 0.2867, 0.3403
Android (android.graphics.Color)	4283854698 (0xFF566F6A)
YUV	102.9550, 1.5012, -14.8695
Hunter-Lab	37.9314, -9.3275, 1.8962

Details

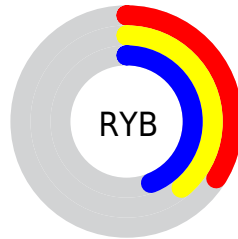
The Hex color **566F6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F565B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **88A39D**, and **283F3B** is the 20% darker color. If you saturate the color by 10%, you get **4B6F68**, and if you desaturate by 10%, it is **616F6C**.

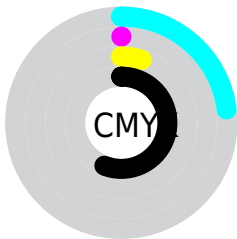
Distribution



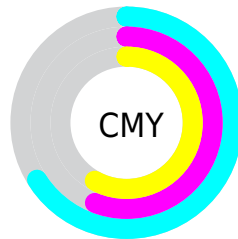
- Red (34%)
- Green (44%)
- Blue (42%)



- Red (34%)
- Yellow (39%)
- Blue (44%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (56%)



- Cyan (66%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566F6A 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 566F6A by changing the saturation by 10% instead.

■ 566F6A

■ 566F6A

FFFFFF

■ 3E5752

■ 88A39D

■ 283F3B

■ A3BEB8

■ 122925

■ BEDAD4

■ 001510

■ DAF6F0

■ 000000

■ F6FFFF

■ 566F6A

■ 566F6A

■ 4B6F68

■ 616F6C

■ 406F66

■ 6C6F6E

■ 356F63

■ 776F71

■ 2A6F61

■ 826F73

■ 1E6F5F

■ 8E6F75

■ 136F5D

■ 996F77

■ 086F5A

■ A46F7A

■ 006F59

■ AF6F7C

■ BA6F7E

Harmonies

Analogous

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



5D6E61



566F6A



546F73

Triad

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



566F6A



6C6879



78675B

Complementary

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



566F6A



6F565B

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.



7C6561



566F6A



766572

Square

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



566F6A



616B7B



7B646A



706959

Rectangle

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



566F6A



566E77



7B646A



7A665D

Sweetspot

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



566F6A



87918F



5B6F56



444A49



C9C9C9



4A4A4A

Same Dimension

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



566F6A



6A918A



56676F



323837



007860



00F7C6

Inverse Universe

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



6F565B



916A72



6F5E56



383234



780018



F70031

Previews

White Background



This preview shows how the Hex color 566F6A looks on a white background.

Color Contrast Check

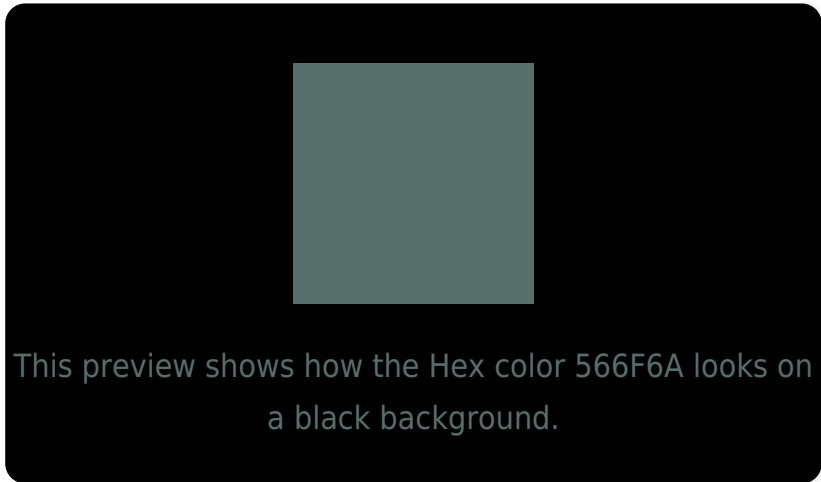
Large Text (above 18pt) WCAG AA ✓ Pass

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

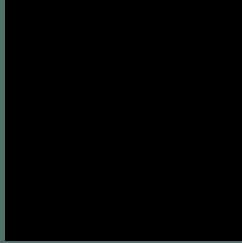
Any Text WCAG AA × Fail

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 566F6A Background



This preview shows how black text looks on a background with the Hex color 566F6A.



This preview shows how white text looks on a background with the Hex color 566F6A.

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
566F6A

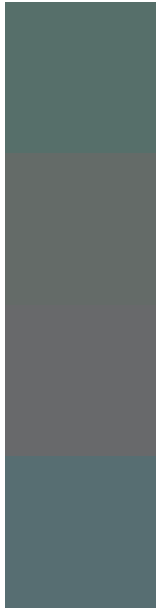
Protanopia
6C6967

Deuteranopia
73666C



Tritanopia
586D76

Trichromacy



Original Color

566F6A

Protanomaly

646B68

Deuteranomaly

68696B

Tritanomaly

576E72

Monochromacy



Original Color

566F6A

Achromatopsia

676767

Achromatomaly

616A68

CSS Examples

Text

The CSS property to change the color of the text to Hex 566F6A 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 #566F6A looks like.

```
.text, #text, p{  
    color:#566F6A  
}
```

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 #566F6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566F6A
}
```

Border

The CSS property to change the border of an element to Hex 566F6A 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
#566F6A }
```

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

```
.border{ border-color:#566F6A }
```

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

Here you see how a box with a 4 pixel #566F6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566F6A; -webkit-box-shadow:4px 4px  
4px 4px #566F6A; box-shadow:4px 4px 4px  
4px #566F6A }
```

Background

The CSS property to change the background color of an element to Hex 566F6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566F6A }
```

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

```
.background{ background-color:#566F6A }
```

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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