

Converting Colors

Hex(566F85)

Have a look what the booklet for
Hex(566F85) contains.

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Color

Hex(566F85)

Conversions

Conversions Part 1

Format	Color
Hex	566F85
RGB	86, 111, 133
RGB Percent	34%, 44%, 52%
CMY	0.6627, 0.5647, 0.4784
CMYK	0.35, 0.17, 0.00, 0.48
HSL	208°, 21%, 43%
HSV	208°, 35%, 52%
XYZ	13.7558, 15.0408, 24.3684
YIQ	106.0330, -21.9620, 1.5420

Conversions

Conversions Part 2

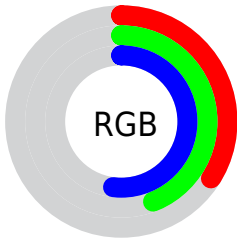
Format	Color
R_{YB}	86, 102, 133
Decimal	5664645
CIE _{Lab}	45.69, -3.39, -15.07
CIE _{LCh}	46, 15.443, 257.316
Yxy	15.0408, 0.2587, 0.2829
Android (android.graphics.Color)	4283854725 (0xFF566F85)
YUV	106.0330, 13.2947, -17.5689
Hunter-Lab	38.7824, -4.5567, -10.1064

Details

The Hex color **566F85** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **856C56**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **89A3BA**, and **263F53** is the 20% darker color. If you saturate the color by 10%, you get **496985**, and if you desaturate by 10%, it is **637585**.

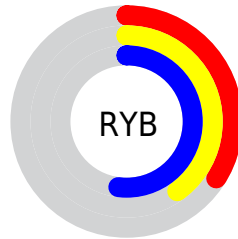
Distribution



Red (34%)

Green (44%)

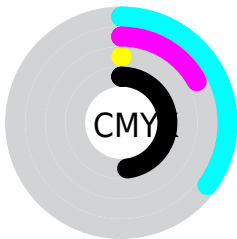
Blue (52%)



Red (34%)

Yellow (40%)

Blue (52%)

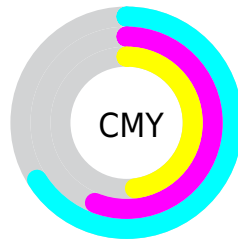


Cyan (35%)

Magenta (17%)

Yellow (0%)

Black (48%)



Cyan (66%)

Magenta (56%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566F85 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 566F85 by changing the saturation by 10% instead.



566F85



566F85

FFFFFF



3E576C



89A3BA



263F53



A4BED6



0D2A3C



BFD9F2



001526



DCF6FF



000111



F8FFFF



000000



566F85



566F85



496985



637585



3B6385



717B85

■ 2E5C85

■ 7E8285

■ 215685

■ 8B8885

■ 145085

■ 998E85

■ 064A85

■ A69485

■ 004785

■ B39B85

■ C0A185

■ CEA785

Harmonies

Analogous

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



4A727F



566F85



676B85

Triad

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



566F85



876365



5F715A

Complementary

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



566F85



856C56

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.



6E6E53



566F85



84655A

Square

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



566F85



836472



7B6953



527366

Rectangle

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



566F85



726881



7B6953



647057

Sweetspot

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



566F85



9AA4AD



56856C



4B5157



D6D6D6



575757

Same Dimension

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



566F85



658BAD



565885



3C3F42



004582



000103

Inverse Universe

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



85566F



AD658B



858356



423C3F



820045



030001

Previews

White Background



This preview shows how the Hex color 566F85 looks on a white background.

Color Contrast Check

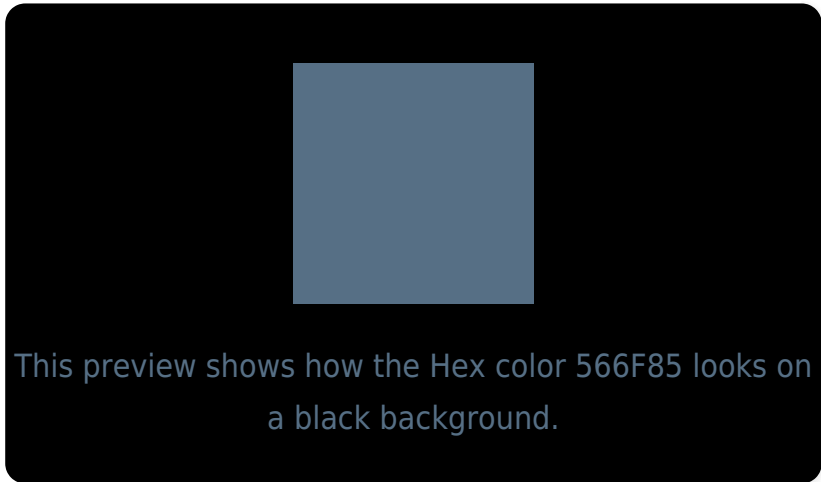
Large Text (above 18pt) WCAG AA ✓ Pass

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

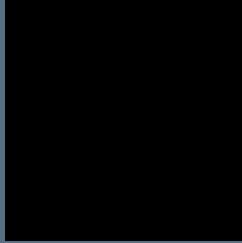
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

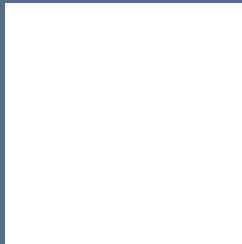
Any Text WCAG AAA × Fail

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

Hex 566F85 Background



This preview shows how black text looks on a background with the Hex color 566F85.



This preview shows how white text looks on a background with the Hex color 566F85.

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
566F85

Protanopia
676B82

Deuteranopia
696A86



Tritanopia
53717A

Trichromacy



Original Color
566F85

Protanomaly
616C83

Deuteranomaly
626C86

Tritanomaly
54707E

Monochromacy



Original Color
566F85

Achromatopsia
6A6A6A

Achromatomaly
636C74

CSS Examples

Text

The CSS property to change the color of the text to Hex 566F85 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 #566F85 looks like.

```
.text, #text, p{  
    color:#566F85  
}
```

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 #566F85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566F85  
}
```

Border

The CSS property to change the border of an element to Hex 566F85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

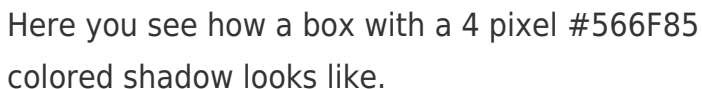
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#566F85 }
```

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

```
.border{ border-color:#566F85 }
```

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



Here you see how a box with a 4 pixel #566F85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566F85; -webkit-box-shadow:4px 4px  
4px 4px #566F85; box-shadow:4px 4px 4px  
4px #566F85 }
```

Background

The CSS property to change the background color of an element to Hex 566F85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566F85 }
```

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

```
.background{ background-color:#566F85 }
```

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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