

Converting Colors

Hex(536F7D)

Have a look what the booklet for
Hex(536F7D) contains.

Hex(536F7D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(536F7D)

Conversions

Conversions Part 1

Format	Color
Hex	536F7D
RGB	83, 111, 125
RGB Percent	33%, 44%, 49%
CMY	0.6745, 0.5647, 0.5098
CMYK	0.34, 0.11, 0.00, 0.51
HSL	200°, 20%, 41%
HSV	200°, 34%, 49%
XYZ	12.9534, 14.6885, 21.5545
YIQ	104.2240, -21.1820, -1.5820

Conversions

Conversions Part 2

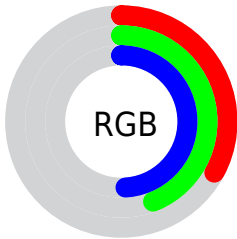
Format	Color
R_{YB}	83, 100, 125
Decimal	5468029
CIE _{Lab}	45.20, -6.51, -11.04
CIE _{LCh}	45, 12.811, 239.481
Yxy	14.6885, 0.2633, 0.2986
Android (android.graphics.Color)	4283658109 (0xFF536F7D)
YUV	104.2240, 10.2426, -18.6134
Hunter-Lab	38.3256, -6.7400, -6.5170

Details

The Hex color **536F7D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D6153**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **86A3B2**, and **233F4C** is the 20% darker color. If you saturate the color by 10%, you get **476B7D**, and if you desaturate by 10%, it is **60737D**.

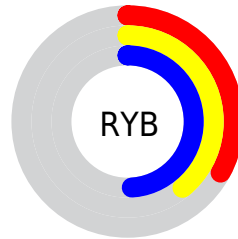
Distribution



Red (33%)

Green (44%)

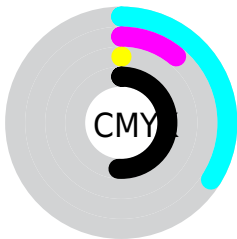
Blue (49%)



Red (33%)

Yellow (39%)

Blue (49%)

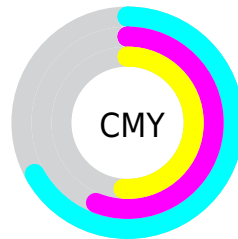


Cyan (34%)

Magenta (11%)

Yellow (0%)

Black (51%)



Cyan (67%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536F7D 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 536F7D by changing the saturation by 10% instead.

■ 536F7D

■ 536F7D

FFFFFF

■ 3B5764

■ 86A3B2

■ 233F4C

■ A0BECD

■ 0B2935

■ BCD9E9

■ 001520

■ D8F6FF

■ 000007

■ F4FFFF

■ 000000

■ 536F7D

■ 536F7D

■ 476B7D

■ 60737D

■ 3A677D

■ 6C777D

■ 2E637D

■ 797C7D

■ 215E7D

■ 85807D

■ 155A7D

■ 92847D

■ 08567D

■ 9E887D

■ 00537D

■ AB8C7D

■ B7907D

■ C3947D

Harmonies

Analogous

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



4E7175



536F7D



5F6C80

Triad

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



536F7D



80646C



686E58

Complementary

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



536F7D



7D6153

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.



746A56



536F7D



816461

Square

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



536F7D



796576



7D6759



5C7060

Rectangle

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



536F7D



686A7F



7D6759



6C6C57

Sweetspot

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



536F7D



939EA3



537D61



484E52



D1D1D1



525252

Same Dimension

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



536F7D



628DA3



535B7D



393E40



005580



000000

Inverse Universe

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



7D536F



A3628D



7D7653



40393E



800055



000000

Previews

White Background



This preview shows how the Hex color 536F7D 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

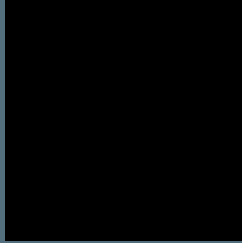
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

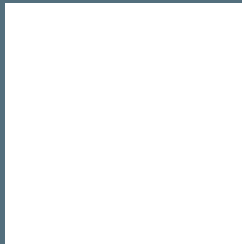
Any Text WCAG AAA × Fail

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

Hex 536F7D Background



This preview shows how black text looks on a background with the Hex color 536F7D.



This preview shows how white text looks on a background with the Hex color 536F7D.

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
536F7D

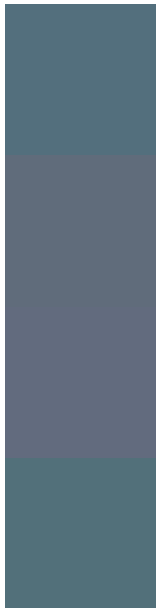
Protanopia
686A7A

Deuteranopia
6B687E



Tritanopia
527079

Trichromacy



Original Color
536F7D

Protanomaly
606C7B

Deuteranomaly
626B7E

Tritanomaly
52707A

Monochromacy



Original Color
536F7D

Achromatopsia
686868

Achromatomaly
606B70

CSS Examples

Text

The CSS property to change the color of the text to Hex 536F7D 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 #536F7D looks like.

```
.text, #text, p{  
    color:#536F7D  
}
```

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 #536F7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536F7D
}
```

Border

The CSS property to change the border of an element to Hex 536F7D 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
#536F7D }
```

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

```
.border{ border-color:#536F7D }
```

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

Here you see how a box with a 4 pixel #536F7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536F7D; -webkit-box-shadow:4px 4px  
4px 4px #536F7D; box-shadow:4px 4px 4px  
4px #536F7D }
```

Background

The CSS property to change the background color of an element to Hex 536F7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536F7D }
```

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

```
.background{ background-color:#536F7D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor