

Converting Colors

Hex(504F7C)

Have a look what the booklet for
Hex(504F7C) contains.

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Color

Hex(504F7C)

Conversions

Conversions Part 1

Format	Color
Hex	504F7C
RGB	80, 79, 124
RGB Percent	31%, 31%, 49%
CMY	0.6863, 0.6902, 0.5137
CMYK	0.35, 0.36, 0.00, 0.51
HSL	241°, 22%, 40%
HSV	241°, 36%, 49%
XYZ	9.7423, 8.7527, 20.2447
YIQ	84.4290, -13.8490, 14.2070

Conversions

Conversions Part 2

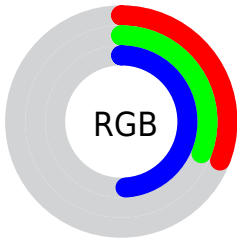
Format	Color
R _Y B	80, 79, 124
Decimal	5263228
CIE Lab	35.50, 12.00, -25.35
CIE LCh	36, 28.048, 295.328
Yxy	8.7527, 0.2515, 0.2259
Android (android.graphics.Color)	4283453308 (0xFF504F7C)
YUV	84.4290, 19.5085, -3.8842
Hunter-Lab	29.5849, 7.0066, -19.8623

Details

The Hex color **504F7C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B7C4F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8380B1**, and **20234B** is the 20% darker color. If you saturate the color by 10%, you get **44437C**, and if you desaturate by 10%, it is **5C5B7C**.

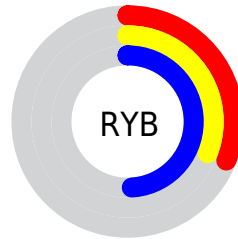
Distribution



Red (31%)

Green (31%)

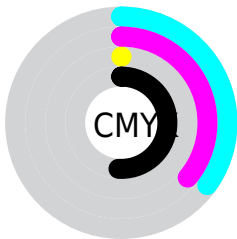
Blue (49%)



Red (31%)

Yellow (31%)

Blue (49%)

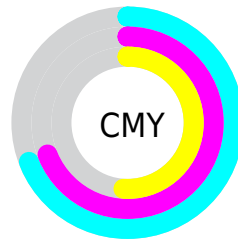


Cyan (35%)

Magenta (36%)

Yellow (0%)

Black (51%)



Cyan (69%)

Magenta (69%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 504F7C 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 504F7C by changing the saturation by 10% instead.

■ 504F7C

■ 504F7C

FFFFFF

■ 383863

■ 8380B1

■ 20234B

■ 9D9ACC

■ 080E34

■ B9B5E9

■ 00021E

■ D5D0FF

■ 000001

■ F1EDFF

■ 000000

■ 504F7C

■ 504F7C

■ 44437C

■ 5C5B7C

■ 38367C

■ 68687C

■ 2C2A7C

■ 74747C

■ 201D7C

■ 80817C

■ 13117C

■ 8D8D7C

■ 07057C

■ 99997C

■ 03007C

■ A5A67C

■ B1B27C

■ BDBF7C

Harmonies

Analogous

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



255780



504F7C



6C476D

Triad

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



504F7C



75492F



055F4F

Complementary

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



504F7C



7B7C4F

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.



335D39



504F7C



645126

Square

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



504F7C



7E4242



4E582A



005F66

Rectangle

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



504F7C



78425F



4E582A



1B5E47

Sweetspot

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



504F7C



8F8FA1



4F7B7C



474752



D1D1D1



525252

Same Dimension

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



504F7C



5C5AA1



664F7C



37373D



03007D



0600FC

Inverse Universe

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



7C4F7B



A15A9F



657C4F



3D373D



7D007A



FC00F7

Previews

White Background



This preview shows how the Hex color 504F7C looks on a white background.

Color Contrast Check

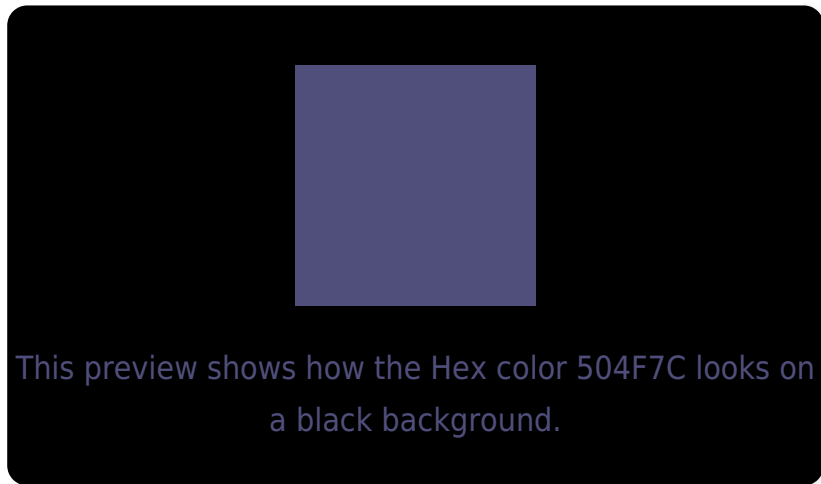
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

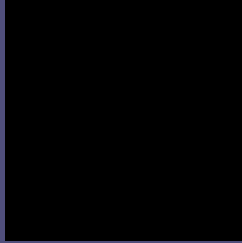
Any Text WCAG AA × Fail

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 504F7C Background



This preview shows how black text looks on a background with the Hex color 504F7C.

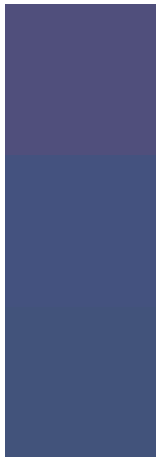


This preview shows how white text looks on a background with the Hex color 504F7C.

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](#).

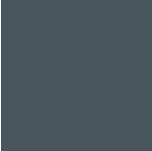
Dichromacy



Original Color
504F7C

Protanopia
44527F

Deuteranopia
42537B



Tritanopia
49555C

Trichromacy



Original Color
504F7C

Protanomaly
48517E

Deuteranomaly
47527B

Tritanomaly
4C5368

Monochromacy



Original Color
504F7C

Achromatopsia
545454

Achromatomaly
535263

CSS Examples

Text

The CSS property to change the color of the text to Hex 504F7C 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 #504F7C looks like.

```
.text, #text, p{  
    color:#504F7C  
}
```

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 #504F7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504F7C
}
```

Border

The CSS property to change the border of an element to Hex 504F7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

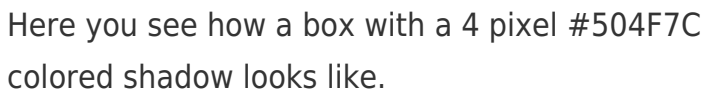
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#504F7C }
```

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

```
.border{ border-color:#504F7C }
```

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



Here you see how a box with a 4 pixel #504F7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504F7C; -webkit-box-shadow:4px 4px  
4px 4px #504F7C; box-shadow:4px 4px 4px  
4px #504F7C }
```

Background

The CSS property to change the background color of an element to Hex 504F7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504F7C }
```

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

```
.background{ background-color:#504F7C }
```

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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