

Converting Colors

Hex(515F7B)

Have a look what the booklet for
Hex(515F7B) contains.

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Color

Hex(515F7B)

Conversions

Conversions Part 1

Format	Color
Hex	515F7B
RGB	81, 95, 123
RGB Percent	32%, 37%, 48%
CMY	0.6824, 0.6275, 0.5176
CMYK	0.34, 0.23, 0.00, 0.52
HSL	220°, 21%, 40%
HSV	220°, 34%, 48%
XYZ	11.0607, 11.3638, 20.3494
YIQ	94.0060, -17.3320, 5.7400

Conversions

Conversions Part 2

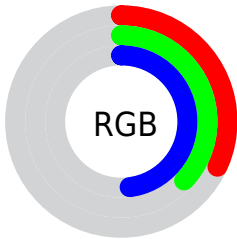
Format	Color
R_{YB}	81, 92, 123
Decimal	5332859
CIE Lab	40.19, 1.93, -17.47
CIE LCh	40, 17.580, 276.290
Yxy	11.3638, 0.2586, 0.2657
Android (android.graphics.Color)	4283522939 (0xFF515F7B)
YUV	94.0060, 14.2940, -11.4063
Hunter-Lab	33.7102, -0.4251, -12.1935

Details

The Hex color **515F7B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B6D51**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8391B0**, and **22314A** is the 20% darker color. If you saturate the color by 10%, you get **45577B**, and if you desaturate by 10%, it is **5D677B**.

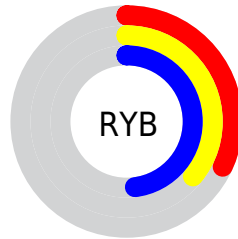
Distribution



Red (32%)

Green (37%)

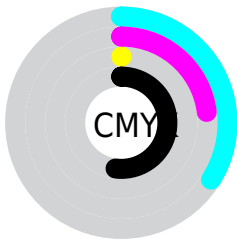
Blue (48%)



Red (32%)

Yellow (36%)

Blue (48%)

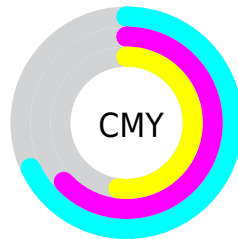


Cyan (34%)

Magenta (23%)

Yellow (0%)

Black (52%)



Cyan (68%)

Magenta (63%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 515F7B 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 515F7B by changing the saturation by 10% instead.

■ 515F7B

■ 515F7B

FFFFFF

■ 394762

■ 8391B0

■ 22314A

■ 9EACCB

■ 0A1C33

■ B9C7E7

■ 00011F

■ D5E3FF

■ 000001

■ F2FFFF

■ 000000

■ 515F7B

■ 515F7B

■ 45577B

■ 5D677B

■ 384F7B

■ 6A6F7B

■ 2C467B

■ 76787B

■ 203E7B

■ 82807B

■ 13367B

■ 8F887B

■ 072E7B

■ 9B907B

■ 00297B

■ A7987B

■ B3A17B

■ C0A97B

Harmonies

Analogous

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



3E6379



515F7B



655A76

Triad

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



515F7B



7B564E



466653

Complementary

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



515F7B



7B6D51

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.



566347



515F7B



735A45

Square

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



515F7B



7B545C



665F42



386761

Rectangle

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



515F7B



6F576F



665F42



4B654E

Sweetspot

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



515F7B



9196A1



517B6D



484B52



D1D1D1



525252

Same Dimension

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



515F7B



5F75A1



58517B



37393D



002A7D



0054FC

Inverse Universe

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



7B515F



A15F75



747B51



3D3739



7D002A



FC0054

Previews

White Background



This preview shows how the Hex color 515F7B looks on a white background.

Color Contrast Check

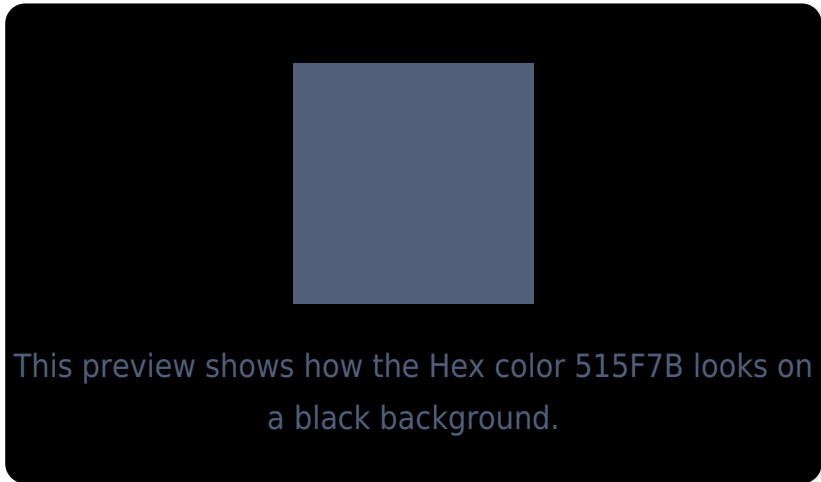
Large Text (above 18pt) WCAG AA ✓ Pass

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

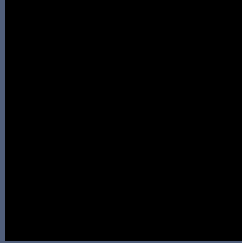
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

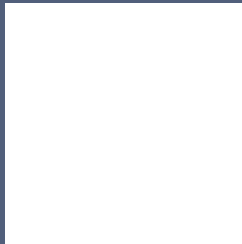
Any Text WCAG AAA × Fail

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

Hex 515F7B Background



This preview shows how black text looks on a background with the Hex color 515F7B.

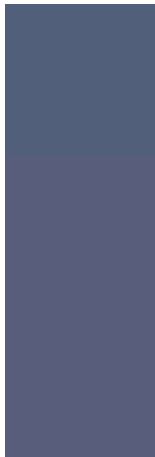


This preview shows how white text looks on a background with the Hex color 515F7B.

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
515F7B

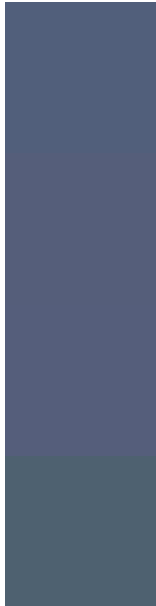
Protanopia
575D7A

Deuteranopia
585D7B



Tritanopia
4D626A

Trichromacy



Original Color
515F7B

Protanomaly
555E7A

Deuteranomaly
555E7B

Tritanomaly
4E6170

Monochromacy



Original Color
515F7B

Achromatopsia
5E5E5E

Achromatomaly
595E69

CSS Examples

Text

The CSS property to change the color of the text to Hex 515F7B 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 #515F7B looks like.

```
.text, #text, p{  
    color:#515F7B  
}
```

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 #515F7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515F7B  
}
```

Border

The CSS property to change the border of an element to Hex 515F7B 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  
#515F7B }
```

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

```
.border{ border-color:#515F7B }
```

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

Here you see how a box with a 4 pixel #515F7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515F7B; -webkit-box-shadow:4px 4px  
4px 4px #515F7B; box-shadow:4px 4px 4px  
4px #515F7B }
```

Background

The CSS property to change the background color of an element to Hex 515F7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515F7B }
```

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

```
.background{ background-color:#515F7B }
```

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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