

Converting Colors

Hex(7F5187)

Have a look what the booklet for
Hex(7F5187) contains.

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Color

Hex(7F5187)

Conversions

Conversions Part 1

Format	Color
Hex	7F5187
RGB	127, 81, 135
RGB Percent	50%, 32%, 53%
CMY	0.5020, 0.6824, 0.4706
CMYK	0.06, 0.40, 0.00, 0.47
HSL	291°, 25%, 42%
HSV	291°, 40%, 53%
XYZ	16.0680, 12.1462, 24.4192
YIQ	100.9100, 10.0820, 26.5460

Conversions

Conversions Part 2

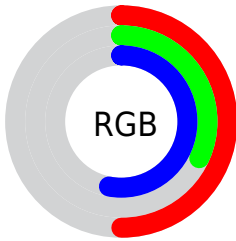
Format	Color
R_{YB}	127, 81, 135
Decimal	8343943
CIE _{Lab}	41.45, 28.85, -22.47
CIE _{LCh}	41, 36.564, 322.092
Yxy	12.1462, 0.3053, 0.2308
Android (android.graphics.Color)	4286534023 (0xFF7F5187)
YUV	100.9100, 16.8064, 22.8809
Hunter-Lab	34.8513, 21.3065, -17.1467

Details

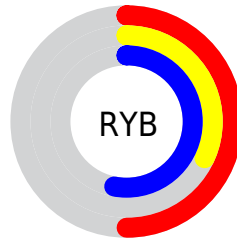
The Hex color **7F5187** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **598751**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B583BC**, and **4D2255** is the 20% darker color. If you saturate the color by 10%, you get **7D4487**, and if you desaturate by 10%, it is **815E87**.

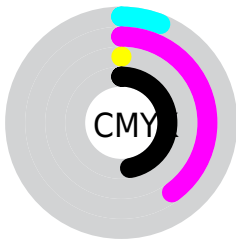
Distribution



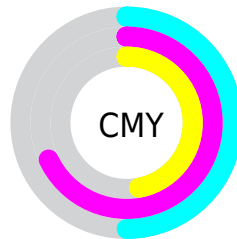
- Red (50%)
- Green (32%)
- Blue (53%)



- Red (50%)
- Yellow (32%)
- Blue (53%)



- Cyan (6%)
- Magenta (40%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (68%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F5187 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 7F5187 by changing the saturation by 10% instead.

7F5187

7F5187

FFFFFF

65396E

B583BC

4D2255

D19ED8

350B3E

EDB9F5

210028

FFD5FF

000111

FFF1FF

000000

7F5187

7F5187

7D4487

815E87

7B3687

836C87

792987

857A87

771B87

878787

750D87

899587

730087

8BA287

8DB087

8FBD87

91CB87

Harmonies

Analogous

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



565D99



7F5187



95496B

Triad

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



7F5187



7A5D24



007177

Complementary

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



7F5187



598751

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.



007059



7F5187



5D6727

Square

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



7F5187



8F5233



396D3B



006E91

Rectangle

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



7F5187



9A4857



396D3B



00716D

Sweetspot

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



7F5187



AD9BB0



515987



574D59



D9D9D9



595959

Same Dimension

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



7F5187



A35BB0



875174



413C42



6F0082



020003

Inverse Universe

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



875159



B05B68



518764



423C3D



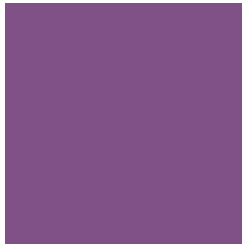
820013



030000

Previews

White Background



This preview shows how the Hex color 7F5187 looks on a white background.

Color Contrast Check

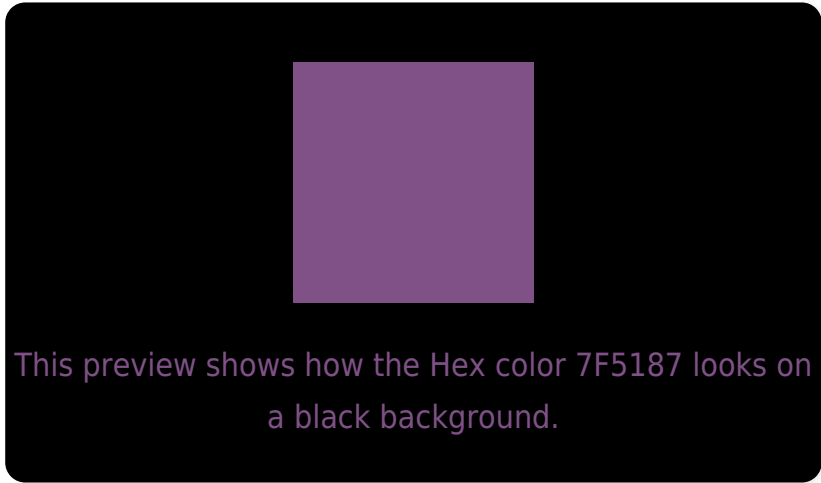
Large Text (above 18pt) WCAG AA ✓ Pass

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

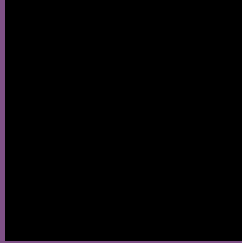
Any Text WCAG AA × Fail

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 7F5187 Background



This preview shows how black text looks on a background with the Hex color 7F5187.




This preview shows how white text looks on a background with the Hex color 7F5187.

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





Tritanopia
7A5960

Trichromacy



Original Color
7F5187

Protanomaly
625B8F

Deuteranomaly
675B85

Tritanomaly
7C566E

Monochromacy



Original Color
7F5187

Achromatopsia
656565

Achromatomaly
6E5E71

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F5187 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 #7F5187 looks like.

```
.text, #text, p{  
    color:#7F5187  
}
```

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 #7F5187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F5187
}
```

Border

The CSS property to change the border of an element to Hex 7F5187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

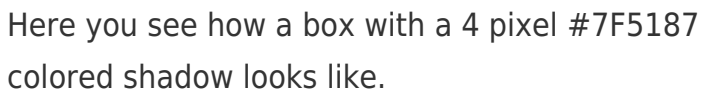
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F5187 }
```

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

```
.border{ border-color:#7F5187 }
```

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



Here you see how a box with a 4 pixel #7F5187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F5187; -webkit-box-shadow:4px 4px  
4px 4px #7F5187; box-shadow:4px 4px 4px  
4px #7F5187 }
```

Background

The CSS property to change the background color of an element to Hex 7F5187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F5187 }
```

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

```
.background{ background-color:#7F5187 }
```

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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