

Converting Colors

Hex(00517F)

Have a look what the booklet for
Hex(00517F) contains.

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Color

Hex(00517F)

Conversions

Conversions Part 1

Format	Color
Hex	00517F
RGB	0, 81, 127
RGB Percent	0%, 32%, 50%
CMY	1.0000, 0.6824, 0.5020
CMYK	1.00, 0.36, 0.00, 0.50
HSL	202°, 100%, 25%
HSV	202°, 100%, 50%
XYZ	6.7732, 7.4172, 21.1533
YIQ	62.0250, -63.0420, -2.8660

Conversions

Conversions Part 2

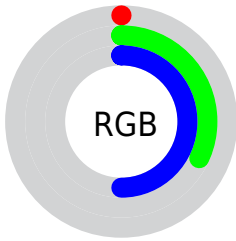
Format	Color
RYB	0, 49, 127
Decimal	20863
CIELab	32.74, -2.78, -31.80
CIELCh	33, 31.924, 264.997
Yxy	7.4172, 0.1916, 0.2099
Android (android.graphics.Color)	4278210943 (0xFF00517F)
YUV	62.0250, 32.0327, -54.3959
Hunter-Lab	27.2345, -3.2675, -26.9871

Details

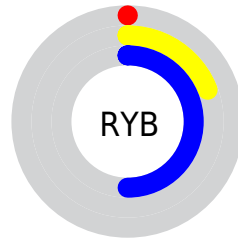
The Hex color **00517F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7F2E00**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4C82B4**, and **00254D** is the 20% darker color. If you saturate the color by 10%, you get **00517F**, and if you desaturate by 10%, it is **0D567F**.

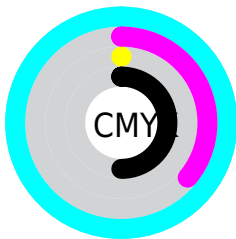
Distribution



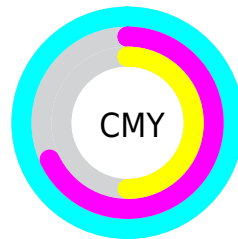
- Red (0%)
- Green (32%)
- Blue (50%)



- Red (0%)
- Yellow (19%)
- Blue (50%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (68%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00517F 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 00517F by changing the saturation by 10% instead.

00517F

00517F

FFFFFF

003A66

4C82B4

00254D

689CD0

001036

84B7EC

000220

A1D2FF

000005

BDEFFF

000000

DAFFFF

F8FFFF

00517F

■ 0D567F

■ 195A7F

■ 265F7F

■ 33637F

■ 40687F

■ 4C6D7F

■ 59717F

■ 66767F

■ 727A7F

Harmonies

Analogous

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



005776



00517F



47487B

Triad

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



00517F



7B3939



27572F

Complementary

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



00517F



7F2E00

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.



46521D



00517F



714124

Square

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



00517F



793752



5F4A19



005948

Rectangle

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



00517F



5F4171



5F4A19



335528

Sweetspot

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



00517F



7494A6



007F2C



364954



D4D4D4



545454

Same Dimension

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



00517F



006AA6



00137F



393D40



005180



000000

Inverse Universe

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



7F0051



A6006A



7F6C00



40393D



800051



000000

Previews

White Background



This preview shows how the Hex color 00517F looks on a white background.

Color Contrast Check

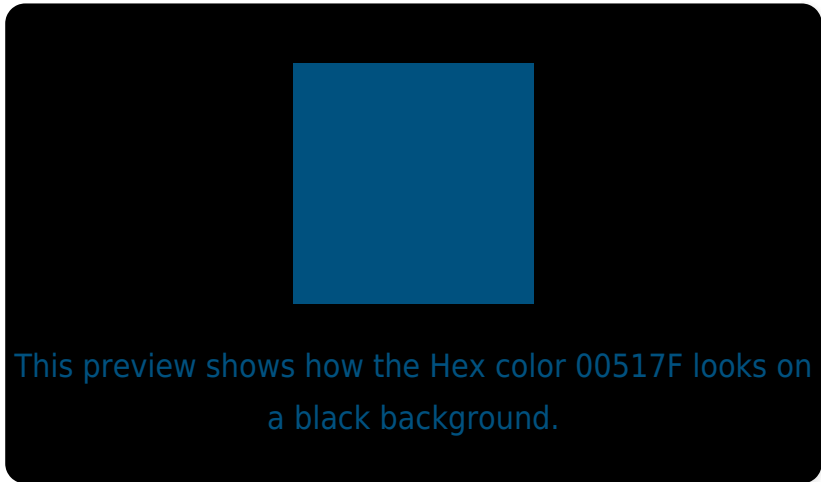
Large Text (above 18pt) WCAG AA ✓ Pass

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 00517F Background



This preview shows how black text looks on a background with the Hex color 00517F.

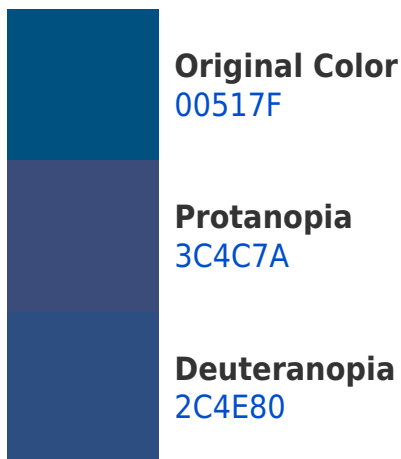


This preview shows how white text looks on a background with the Hex color 00517F.

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



Trichromacy



Original Color
00517F

Protanomaly
264E7C

Deuteranomaly
1C4F80

Monochromacy



Original Color
00517F

Achromatopsia
3E3E3E

Achromatomaly
274556

CSS Examples

Text

The CSS property to change the color of the text to Hex 00517F 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 #00517F looks like.

```
.text, #text, p{  
    color:#00517F  
}
```

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 #00517F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00517F
}
```

Border

The CSS property to change the border of an element to Hex 00517F 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
#00517F }
```

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

```
.border{ border-color:#00517F }
```

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

Here you see how a box with a 4 pixel #00517F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00517F; -webkit-box-shadow:4px 4px  
4px 4px #00517F; box-shadow:4px 4px 4px  
4px #00517F }
```

Background

The CSS property to change the background color of an element to Hex 00517F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00517F }
```

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

```
.background{ background-color:#00517F }
```

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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