

Converting Colors

Hex(005C7A)

Have a look what the booklet for
Hex(005C7A) contains.

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Color

Hex(005C7A)

Conversions

Conversions Part 1

Format	Color
Hex	005C7A
RGB	0, 92, 122
RGB Percent	0%, 36%, 48%
CMY	1.0000, 0.6392, 0.5216
CMYK	1.00, 0.25, 0.00, 0.52
HSL	195°, 100%, 24%
HSV	195°, 100%, 48%
XYZ	7.3400, 9.0594, 19.7741
YIQ	67.9120, -64.4620, -10.1740

Conversions

Conversions Part 2

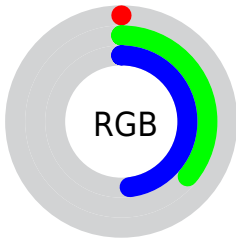
Format	Color
RYB	0, 52, 122
Decimal	23674
CIELab	36.10, -11.64, -23.43
CIELCh	36, 26.166, 243.588
Yxy	9.0594, 0.2029, 0.2504
Android (android.graphics.Color)	4278213754 (0xFF005C7A)
YUV	67.9120, 26.6654, -59.5588
Hunter-Lab	30.0989, -9.1436, -17.8827

Details

The Hex color **005C7A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7A1E00**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4C8EAF**, and **002E49** is the 20% darker color. If you saturate the color by 10%, you get **005C7A**, and if you desaturate by 10%, it is **0C5F7A**.

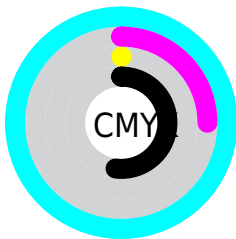
Distribution



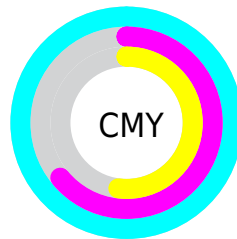
- Red (0%)
- Green (36%)
- Blue (48%)



- Red (0%)
- Yellow (20%)
- Blue (48%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (64%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005C7A 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 005C7A by changing the saturation by 10% instead.

 005C7A

 005C7A

FFFFFF

 004461

 4C8EAF

 002E49

 68A9CA

 001A32

 84C4E6

 00021D

 A0E0FF

 000000

 BCFDFD

 D9FFFF

 F7FFFF

 005C7A

■ 0C5F7A

■ 18627A

■ 25657A

■ 31687A

■ 3D6B7A

■ 496E7A

■ 55717A

■ 62747A

■ 6E777A

Harmonies

Analogous

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



005F6B



005C7A



38567F

Triad

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



005C7A



7C4453



4A5A31

Complementary

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



005C7A



7A1E00

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.



60552A



005C7A



7C473F

Square

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



005C7A



714768



714D30



2F5E42

Rectangle

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



005C7A



50517B



714D30



51592D

Sweetspot

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



005C7A



6F929E



007A1C



33484F



CFCFCF



4F4F4F

Same Dimension

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



005C7A



00779E



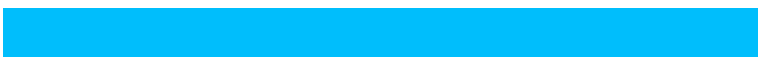
00217A



373C3D



005E7D



00BEFC

Inverse Universe

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



7A005C



9E0077



7A5900



3D373C



7D005E



FC00BE

Previews

White Background



This preview shows how the Hex color 005C7A looks on a white background.

Color Contrast Check

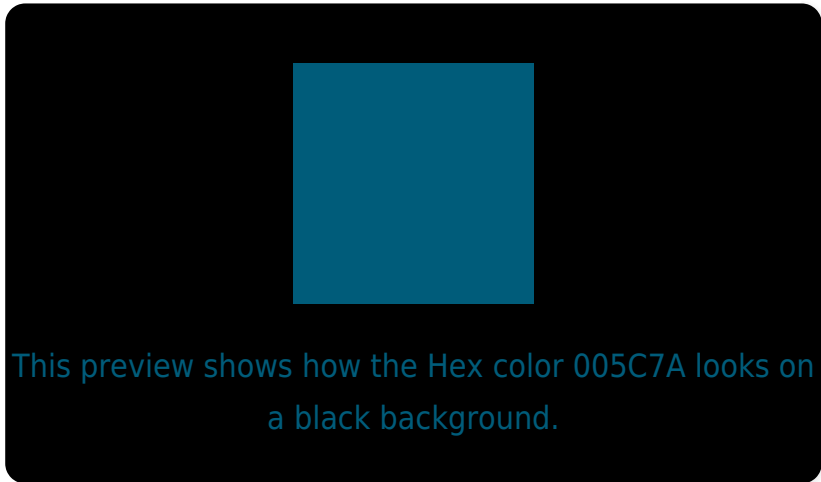
Large Text (above 18pt) WCAG AA ✓ Pass

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

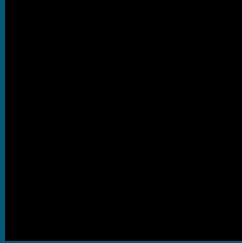
Any Text WCAG AA × Fail

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 005C7A Background



This preview shows how black text looks on a background with the Hex color 005C7A.



This preview shows how white text looks on a background with the Hex color 005C7A.

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
005F66

Trichromacy



Original Color
005C7A

Protanomaly
305776

Deuteranomaly
2C577B

Tritanomaly
005E6D

Monochromacy



Original Color
005C7A

Achromatopsia
444444

Achromatomaly
2B4D58

CSS Examples

Text

The CSS property to change the color of the text to Hex 005C7A 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 #005C7A looks like.

```
.text, #text, p{  
    color:#005C7A  
}
```

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 #005C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C7A
}
```

Border

The CSS property to change the border of an element to Hex 005C7A 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
#005C7A }
```

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

```
.border{ border-color:#005C7A }
```

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

Here you see how a box with a 4 pixel #005C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C7A; -webkit-box-shadow:4px 4px  
4px 4px #005C7A; box-shadow:4px 4px 4px  
4px #005C7A }
```

Background

The CSS property to change the background color of an element to Hex 005C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C7A }
```

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

```
.background{ background-color:#005C7A }
```

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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