

Converting Colors

Hex(005A7B)

Have a look what the booklet for
Hex(005A7B) contains.

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Color

Hex(005A7B)

Conversions

Conversions Part 1

Format	Color
Hex	005A7B
RGB	0, 90, 123
RGB Percent	0%, 35%, 48%
CMY	1.0000, 0.6471, 0.5176
CMYK	1.00, 0.27, 0.00, 0.52
HSL	196°, 100%, 24%
HSV	196°, 100%, 48%
XYZ	7.2313, 8.7424, 20.0452
YIQ	66.8520, -64.2330, -8.8170

Conversions

Conversions Part 2

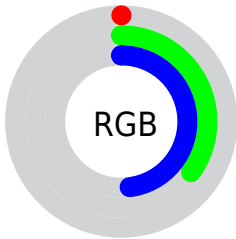
Format	Color
RYB	0, 52, 123
Decimal	23163
CIELab	35.48, -10.04, -25.01
CIELCh	35, 26.952, 248.118
Yxy	8.7424, 0.2008, 0.2427
Android (android.graphics.Color)	4278213243 (0xFF005A7B)
YUV	66.8520, 27.6810, -58.6292
Hunter-Lab	29.5675, -8.0875, -19.4982

Details

The Hex color **005A7B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7B2100**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4C8CB0**, and **002C4A** is the 20% darker color. If you saturate the color by 10%, you get **005A7B**, and if you desaturate by 10%, it is **0C5D7B**.

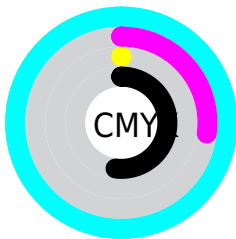
Distribution



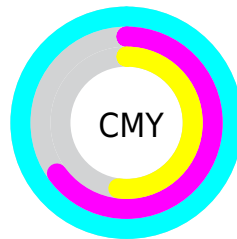
- Red (0%)
- Green (35%)
- Blue (48%)



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



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (65%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005A7B 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 005A7B by changing the saturation by 10% instead.

■ 005A7B

■ 005A7B

FFFFFF

■ 004362

■ 4C8CB0

■ 002C4A

■ 68A6CB

■ 001933

■ 84C2E7

■ 00021E

■ A0DDFF

■ 000000

■ BDFAFF

■ DAFFFF

■ F7FFFF

■ 005A7B

■ 0C5D7B

■ 19617B

■ 25647B

■ 31677B

■ 3E6A7B

■ 4A6E7B

■ 56717B

■ 62747B

■ 6F787B

Harmonies

Analogous

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



005E6D



005A7B



3C547E

Triad

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



005A7B



7C424E



445A31

Complementary

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



005A7B



7B2100

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.



5B5428



005A7B



7A453A

Square

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



005A7B



734464



6E4D2C



275D43

Rectangle

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



005A7B



534E79



6E4D2C



4C582C

Sweetspot

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



005A7B



7094A1



007B21



344A52



D1D1D1



525252

Same Dimension

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



005A7B



0076A1



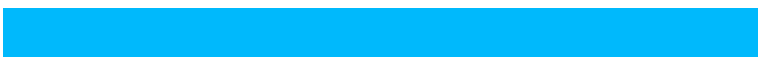
001D7B



373C3D



005B7D



00B9FC

Inverse Universe

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



7B005A



A10076



7B5E00



3D373C



7D005B



FC00B9

Previews

White Background



This preview shows how the Hex color 005A7B looks on a white background.

Color Contrast Check

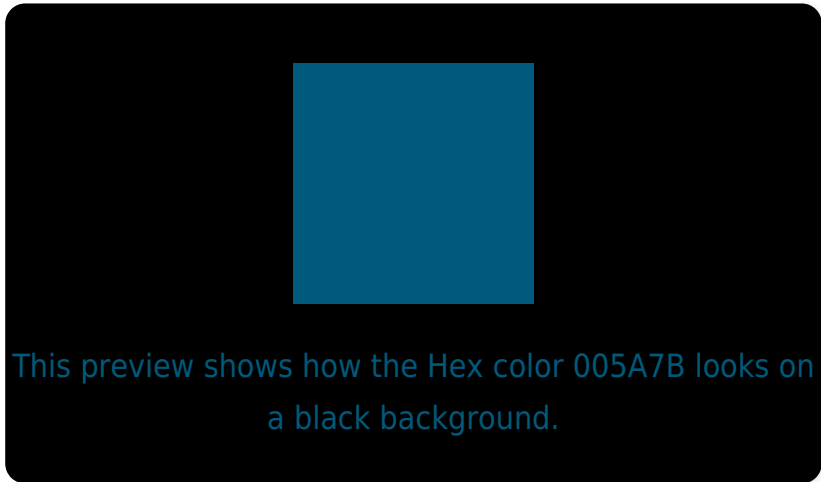
Large Text (above 18pt) WCAG AA ✓ Pass

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

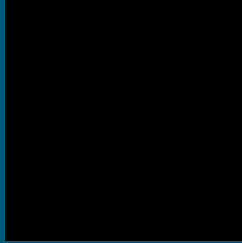
Any Text WCAG AA × Fail

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 005A7B Background



This preview shows how black text looks on a background with the Hex color 005A7B.



This preview shows how white text looks on a background with the Hex color 005A7B.

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](#).

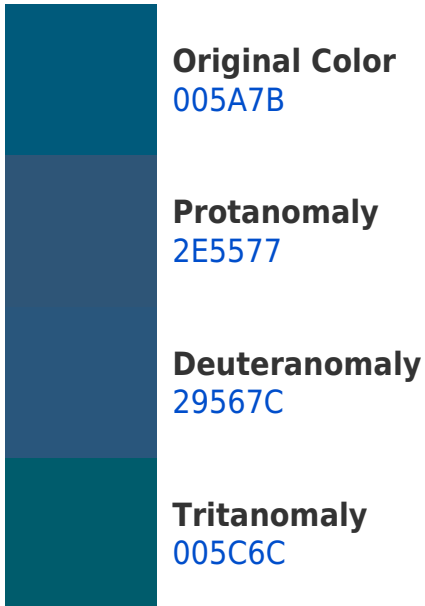
Dichromacy





Tritanopia
005D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 005A7B 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 #005A7B looks like.

```
.text, #text, p{  
    color:#005A7B  
}
```

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 #005A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005A7B
}
```

Border

The CSS property to change the border of an element to Hex 005A7B 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
#005A7B }
```

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

```
.border{ border-color:#005A7B }
```

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

Here you see how a box with a 4 pixel #005A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005A7B; -webkit-box-shadow:4px 4px  
4px 4px #005A7B; box-shadow:4px 4px 4px  
4px #005A7B }
```

Background

The CSS property to change the background color of an element to Hex 005A7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005A7B }
```

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

```
.background{ background-color:#005A7B }
```

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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