

Converting Colors

Hex(005B7D)

Have a look what the booklet for
Hex(005B7D) contains.

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Color

Hex(005B7D)

Conversions

Conversions Part 1

Format	Color
Hex	005B7D
RGB	0, 91, 125
RGB Percent	0%, 36%, 49%
CMY	1.0000, 0.6431, 0.5098
CMYK	1.00, 0.27, 0.00, 0.51
HSL	196°, 100%, 25%
HSV	196°, 100%, 49%
XYZ	7.4428, 8.9628, 20.7398
YIQ	67.6670, -65.1500, -8.7180

Conversions

Conversions Part 2

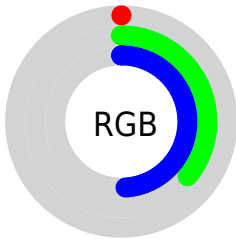
Format	Color
RYB	0, 53, 125
Decimal	23421
CIELab	35.91, -9.85, -25.57
CIELCh	36, 27.401, 248.933
Yxy	8.9628, 0.2004, 0.2413
Android (android.graphics.Color)	4278213501 (0xFF005B7D)
YUV	67.6670, 28.2652, -59.3440
Hunter-Lab	29.9380, -8.0154, -20.1170

Details

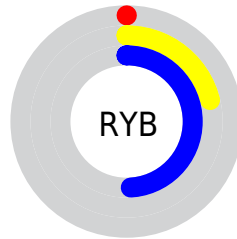
The Hex color **005B7D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7D2200**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4C8DB2**, and **002D4C** is the 20% darker color. If you saturate the color by 10%, you get **005B7D**, and if you desaturate by 10%, it is **0C5E7D**.

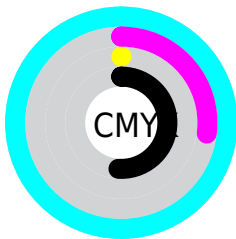
Distribution



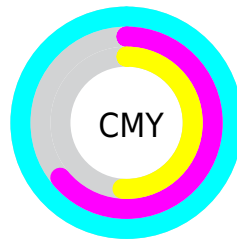
- Red (0%)
- Green (36%)
- Blue (49%)



- Red (0%)
- Yellow (21%)
- Blue (49%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005B7D 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 005B7D by changing the saturation by 10% instead.

005B7D

005B7D

FFFFFF

004464

4C8DB2

002D4C

69A7CD

001935

85C3EA

000220

A1DFFF

000003

BDFBFF

000000

DAFFFF

F8FFFF

005B7D

■ 0C5E7D

■ 19627D

■ 26657D

■ 32697D

■ 3F6C7D

■ 4B6F7D

■ 57737D

■ 64767D

■ 717A7D

Harmonies

Analogous

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



005F6F



005B7D



3D5480

Triad

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



005B7D



7E434F



445B31

Complementary

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



005B7D



7D2200

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.



5C5528



005B7D



7B463A

Square

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



005B7D



754565



6F4E2C



265F44

Rectangle

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



005B7D



554F7B



6F4E2C



4C592D

Sweetspot

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



005B7D



7296A3



007D21



344A52



D1D1D1



525252

Same Dimension

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



005B7D



0077A3



001D7D



393E40



005D80



000000

Inverse Universe

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



7D005B



A30077



7D6000



40393E



80005D



000000

Previews

White Background



This preview shows how the Hex color 005B7D looks on a white background.

Color Contrast Check

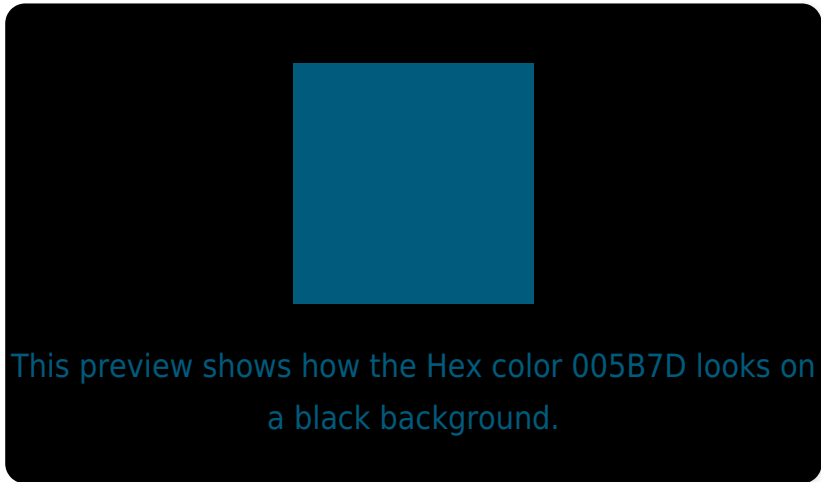
Large Text (above 18pt) WCAG AA ✓ Pass

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

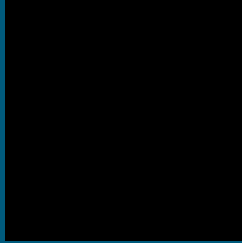
Any Text WCAG AA × Fail

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 005B7D Background



This preview shows how black text looks on a background with the Hex color 005B7D.



This preview shows how white text looks on a background with the Hex color 005B7D.

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
005B7D

Protanopia
4A5377

Deuteranopia
41547F



Tritanopia
005E65

Trichromacy



Original Color
005B7D

Protanomaly
2F5679

Deuteranomaly
29577E

Tritanomaly
005D6E

Monochromacy



Original Color
005B7D

Achromatopsia
444444

Achromatomaly
2B4C59

CSS Examples

Text

The CSS property to change the color of the text to Hex 005B7D 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 #005B7D looks like.

```
.text, #text, p{  
    color:#005B7D  
}
```

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 #005B7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005B7D
}
```

Border

The CSS property to change the border of an element to Hex 005B7D 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
#005B7D }
```

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

```
.border{ border-color:#005B7D }
```

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

Here you see how a box with a 4 pixel #005B7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005B7D; -webkit-box-shadow:4px 4px  
4px 4px #005B7D; box-shadow:4px 4px 4px  
4px #005B7D }
```

Background

The CSS property to change the background color of an element to Hex 005B7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005B7D }
```

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

```
.background{ background-color:#005B7D }
```

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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