

Converting Colors

Hex(005B79)

Have a look what the booklet for
Hex(005B79) contains.

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Color

Hex(005B79)

Conversions

Conversions Part 1

Format	Color
Hex	005B79
RGB	0, 91, 121
RGB Percent	0%, 36%, 47%
CMY	1.0000, 0.6431, 0.5255
CMYK	1.00, 0.25, 0.00, 0.53
HSL	195°, 100%, 24%
HSV	195°, 100%, 47%
XYZ	7.1923, 8.8626, 19.4207
YIQ	67.2110, -63.8660, -9.9620

Conversions

Conversions Part 2

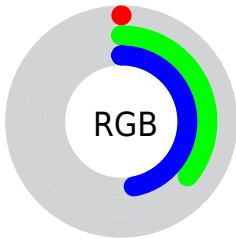
Format	Color
RYB	0, 52, 121
Decimal	23417
CIELab	35.72, -11.44, -23.41
CIElCh	36, 26.057, 243.958
Yxy	8.8626, 0.2027, 0.2498
Android (android.graphics.Color)	4278213497 (0xFF005B79)
YUV	67.2110, 26.5180, -58.9440
Hunter-Lab	29.7702, -8.9735, -17.8390

Details

The Hex color **005B79** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **791E00**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4B8DAD**, and **002D48** is the 20% darker color. If you saturate the color by 10%, you get **005B79**, and if you desaturate by 10%, it is **0C5E79**.

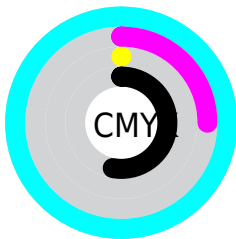
Distribution



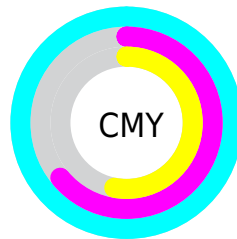
- Red (0%)
- Green (36%)
- Blue (47%)



- Red (0%)
- Yellow (20%)
- Blue (47%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005B79 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 005B79 by changing the saturation by 10% instead.

■ 005B79

■ 005B79

FFFFFF

■ 004460

■ 4B8DAD

■ 002D48

■ 67A8C9

■ 001A32

■ 83C3E5

■ 00021C

■ 9FDFFF

■ 000000

■ BCFBFF

■ D9FFFF

■ F6FFFF

■ 005B79

■ 0C5E79

■ 186179

■ 246479

■ 306779

■ 3C6A79

■ 496D79

■ 557079

■ 617379

■ 6D7679

Harmonies

Analogous

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



005E6B



005B79



38557D

Triad

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



005B79



7B4352



495A30

Complementary

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



005B79



791E00

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.



5E542A



005B79



7A463E

Square

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



005B79



704667



704C2F



2E5D41

Rectangle

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



005B79



50507A



704C2F



50582D

Sweetspot

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



005B79



6F929E



00791C



33484F



CFCFCF



4F4F4F

Same Dimension

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



005B79



00779E



002079



373C3D



005E7D



00BEFC

Inverse Universe

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



79005B



9E0077



795900



3D373C



7D005E



FC00BE

Previews

White Background



This preview shows how the Hex color 005B79 looks on a white background.

Color Contrast Check

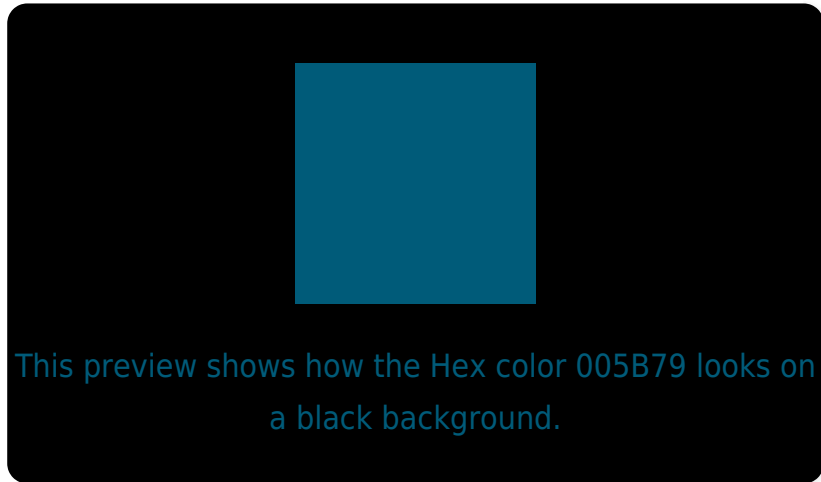
Large Text (above 18pt) WCAG AA ✓ Pass

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

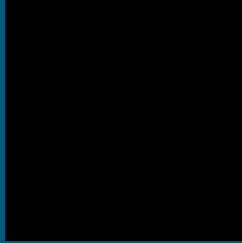
Any Text WCAG AA × Fail

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 005B79 Background



This preview shows how black text looks on a background with the Hex color 005B79.

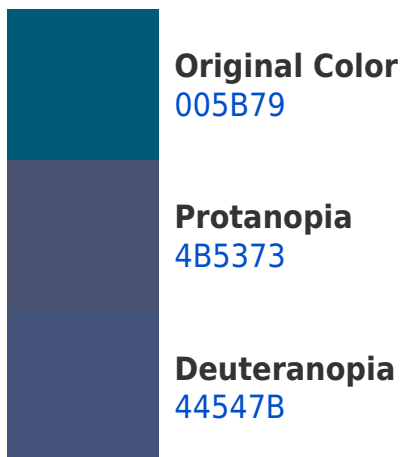


This preview shows how white text looks on a background with the Hex color 005B79.

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
005E65

Trichromacy



Original Color
005B79

Protanomaly
305675

Deuteranomaly
2B577A

Tritanomaly
005D6C

Monochromacy



Original Color
005B79

Achromatopsia
434343

Achromatomaly
2B4C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 005B79 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 #005B79 looks like.

```
.text, #text, p{  
    color:#005B79  
}
```

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 #005B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005B79
}
```

Border

The CSS property to change the border of an element to Hex 005B79 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
#005B79 }
```

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

```
.border{ border-color:#005B79 }
```

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

Here you see how a box with a 4 pixel #005B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005B79; -webkit-box-shadow:4px 4px  
4px 4px #005B79; box-shadow:4px 4px 4px  
4px #005B79 }
```

Background

The CSS property to change the background color of an element to Hex 005B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005B79 }
```

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

```
.background{ background-color:#005B79 }
```

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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