

Converting Colors

Hex(005B77)

Have a look what the booklet for
Hex(005B77) contains.

Hex(005B77)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(005B77)

Conversions

Conversions Part 1

Format	Color
Hex	005B77
RGB	0, 91, 119
RGB Percent	0%, 36%, 47%
CMY	1.0000, 0.6431, 0.5333
CMYK	1.00, 0.24, 0.00, 0.53
HSL	194°, 100%, 23%
HSV	194°, 100%, 47%
XYZ	7.0709, 8.8141, 18.7814
YIQ	66.9830, -63.2240, -10.5840

Conversions

Conversions Part 2

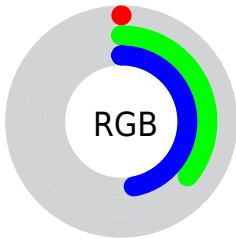
Format	Color
RYB	0, 52, 119
Decimal	23415
CIELab	35.62, -12.23, -22.33
CIELCh	36, 25.455, 241.288
Yxy	8.8141, 0.2040, 0.2543
Android (android.graphics.Color)	4278213495 (0xFF005B77)
YUV	66.9830, 25.6444, -58.7441
Hunter-Lab	29.6885, -9.4419, -16.7257

Details

The Hex color **005B77** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **771C00**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4B8DAB**, and **002D46** is the 20% darker color. If you saturate the color by 10%, you get **005B77**, and if you desaturate by 10%, it is **0C5E77**.

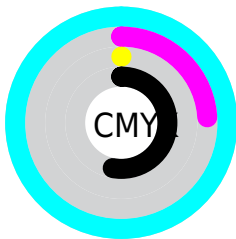
Distribution



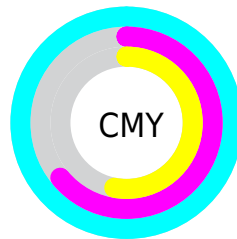
- Red (0%)
- Green (36%)
- Blue (47%)



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



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 005B77 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 005B77 by changing the saturation by 10% instead.

005B77

005B77

FFFFFF

00435E

4B8DAB

002D46

67A8C7

001A30

83C3E3

00011B

9FDFFF

000000

BBFBFF

D8FFFF

F6FFFF

005B77

■ 0C5E77

■ 186177

■ 246377

■ 306677

■ 3B6977

■ 476C77

■ 536F77

■ 5F7177

■ 6B7477

Harmonies

Analogous

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



005E68



005B77



36567C

Triad

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



005B77



7A4354



4B5930

Complementary

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



005B77



771C00

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.



60532A



005B77



7A4640

Square

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



005B77



6E4768



704C31



325D40

Rectangle

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



005B77



4D517A



704C31



52572D

Sweetspot

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



005B77



6D919C



00771C



33484F



CFCFCF



4F4F4F

Same Dimension

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



005B77



00779C



002077



35393B



005E7A



00BFFA

Inverse Universe

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



77005B



9C0077



775700



3B3539



7A005E



FA00BF

Previews

White Background



This preview shows how the Hex color 005B77 looks on a white background.

Color Contrast Check

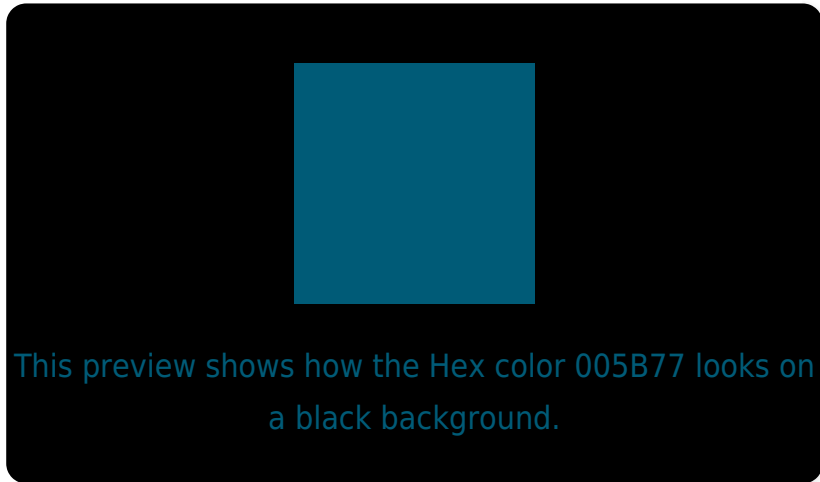
Large Text (above 18pt) WCAG AA ✓ Pass

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

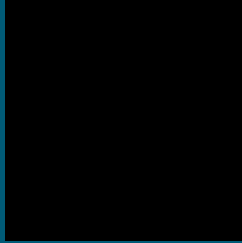
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

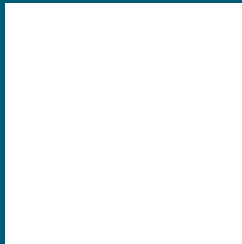
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 005B77 Background



This preview shows how black text looks on a background with the Hex color 005B77.

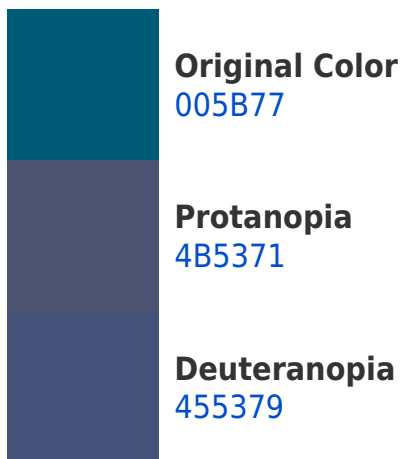


This preview shows how white text looks on a background with the Hex color 005B77.

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



Original Color
005B77

Protanomaly
305673

Deuteranomaly
2C5678

Tritanomaly
005C6B

Monochromacy



Original Color
005B77

Achromatopsia
434343

Achromatomaly
2B4C56

CSS Examples

Text

The CSS property to change the color of the text to Hex 005B77 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 #005B77 looks like.

```
.text, #text, p{  
    color:#005B77  
}
```

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 #005B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005B77
}
```

Border

The CSS property to change the border of an element to Hex 005B77 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
#005B77 }
```

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

```
.border{ border-color:#005B77 }
```

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

Here you see how a box with a 4 pixel #005B77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005B77; -webkit-box-shadow:4px 4px  
4px 4px #005B77; box-shadow:4px 4px 4px  
4px #005B77 }
```

Background

The CSS property to change the background color of an element to Hex 005B77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005B77 }
```

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

```
.background{ background-color:#005B77 }
```

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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