

Converting Colors

Hex(005897)

Have a look what the booklet for
Hex(005897) contains.

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Color

Hex(005897)

Conversions

Conversions Part 1

Format	Color
Hex	005897
RGB	0, 88, 151
RGB Percent	0%, 35%, 59%
CMY	1.0000, 0.6549, 0.4078
CMYK	1.00, 0.42, 0.00, 0.41
HSL	205°, 100%, 30%
HSV	205°, 100%, 59%
XYZ	9.0756, 9.2138, 30.5783
YIQ	68.8700, -72.6710, 0.9370

Conversions

Conversions Part 2

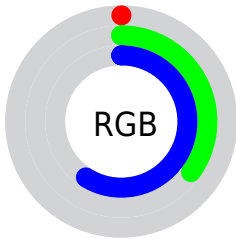
Format	Color
RYB	0, 56, 151
Decimal	22679
CIELab	36.39, 2.70, -40.64
CIELCh	36, 40.730, 273.805
Yxy	9.2138, 0.1857, 0.1885
Android (android.graphics.Color)	4278212759 (0xFF005897)
YUV	68.8700, 40.4901, -60.3990
Hunter-Lab	30.3543, 0.2499, -38.4795

Details

The Hex color **005897** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **973F00**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5389CE**, and **002C63** is the 20% darker color. If you saturate the color by 10%, you get **005897**, and if you desaturate by 10%, it is **0F5E97**.

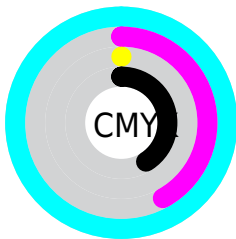
Distribution



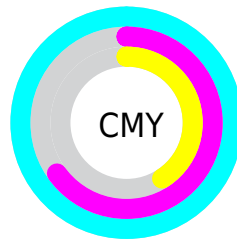
- Red (0%)
- Green (35%)
- Blue (59%)



- Red (0%)
- Yellow (22%)
- Blue (59%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (65%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005897 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 005897 by changing the saturation by 10% instead.

■ 005897

■ 005897

FFFFFF

■ 00417D

■ 5389CE

■ 002C63

■ 71A4EA

■ 00184B

■ 8EBFFF

■ 000434

■ ABDAFF

■ 00021E

■ C8F7FF

■ 000000

■ E5FFFF

■ 005897

■ 0F5E97

■ 1E6597

■ 2D6B97

■ 3C7197

■ 4C7797

■ 5B7E97

■ 6A8497

■ 798A97

■ 889197

Harmonies

Analogous

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



006090



005897



5C4B8C

Triad

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



005897



8E3C33



006337

Complementary

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



005897



973F00

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.



415E1B



005897



7D4919

Square

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



005897



903653



63550C



006559

Rectangle

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



005897



77427D



63550C



22622D

Sweetspot

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



005897



89ACC4



00973F



405563



E3E3E3



636363

Same Dimension

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



005897



0072C4



000D97



45494D



00528C



00070D

Inverse Universe

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



970058



C40072



978A00



4D4549



8C0052



0D0007

Previews

White Background



This preview shows how the Hex color 005897 looks on a white background.

Color Contrast Check

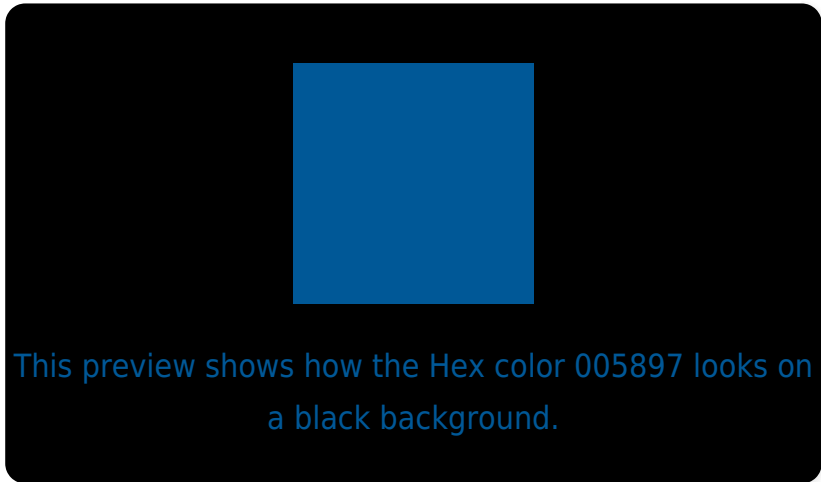
Large Text (above 18pt) WCAG AA ✓ Pass

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

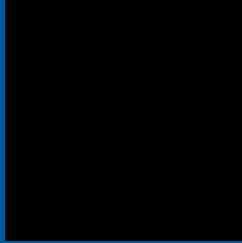
Any Text WCAG AA × Fail

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 005897 Background



This preview shows how black text looks on a background with the Hex color 005897.



This preview shows how white text looks on a background with the Hex color 005897.

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
005897

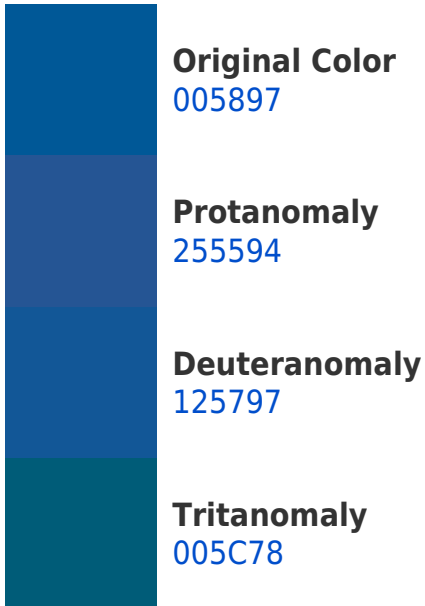
Protanopia
3A5493

Deuteranopia
1C5797



Tritanopia
005F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 005897 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 #005897 looks like.

```
.text, #text, p{  
    color:#005897  
}
```

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 #005897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005897
}
```

Border

The CSS property to change the border of an element to Hex 005897 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
#005897 }
```

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

```
.border{ border-color:#005897 }
```

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

Here you see how a box with a 4 pixel #005897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005897; -webkit-box-shadow:4px 4px  
4px 4px #005897; box-shadow:4px 4px 4px  
4px #005897 }
```

Background

The CSS property to change the background color of an element to Hex 005897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005897 }
```

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

```
.background{ background-color:#005897 }
```

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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