

# Converting Colors

Hex(005697)

Have a look what the booklet for  
Hex(005697) contains.

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# Color

**Hex(005697)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005697
RGB	0, 86, 151
RGB Percent	0%, 34%, 59%
CMY	1.0000, 0.6627, 0.4078
CMYK	1.00, 0.43, 0.00, 0.41
HSL	206°, 100%, 30%
HSV	206°, 100%, 59%
XYZ	8.9137, 8.8899, 30.5243
YIQ	67.6960, -72.1210, 1.9830

# Conversions

## Conversions Part 2

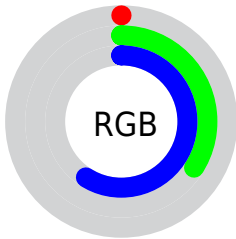
Format	Color
<a href="#">RYB</a>	<a href="#">0, 55, 151</a>
Decimal	<a href="#">22167</a>
CIELab	<a href="#">35.77, 4.01, -41.63</a>
CIELCh	<a href="#">36, 41.827, 275.505</a>
Yxy	<a href="#">8.8899, 0.1844, 0.1840</a>
Android (android.graphics.Color)	<a href="#">4278212247 (0xFF005697)</a>
YUV	<a href="#">67.6960, 41.0689, -59.3694</a>
Hunter-Lab	<a href="#">29.8160, 1.1858, -39.8272</a>

# Details

The Hex color **005697** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **974100**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5387CE**, and **002A63** is the 20% darker color. If you saturate the color by 10%, you get **005697**, and if you desaturate by 10%, it is **0F5C97**.

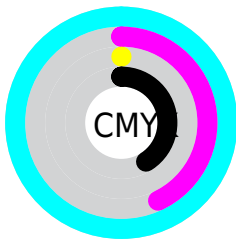
# Distribution



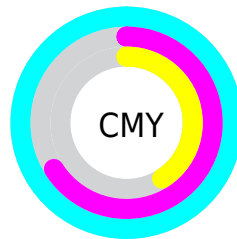
- Red (0%)
- Green (34%)
- Blue (59%)



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



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (66%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005697 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 005697 by changing the saturation by 10% instead.



005697

005697

FFFFFF

003F7D

5387CE

002A63

71A1EA

00164B

8EBCFF

000434

ABD8FF

00021E

C8F4FF

000000

E5FFFF

005697

0F5C97

■ 1E6397

■ 2D6A97

■ 3C7097

■ 4C7697

■ 5B7D97

■ 6A8497

■ 798A97

■ 889197

# Harmonies

## Analogous

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



005F91



005697



5D498B

# Triad

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



005697



8C3A2F



006237

# Complementary

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



005697



974100

# 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.



3C5D18



005697



7B4814

# Square

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



005697



90334F



5F5506



00645A

# Rectangle

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



005697



783E7B



5F5506



19612C



# Sweetspot

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



005697



89ABC4



00973F



405463



E3E3E3



636363



# Same Dimension

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



005697



0070C4



000D97



45494D



00508C



00070D



# Inverse Universe

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



970056



C40070



978A00



4D4549



8C0050



0D0007



# Previews

## White Background



This preview shows how the Hex color 005697 looks on a white background.

## Color Contrast Check

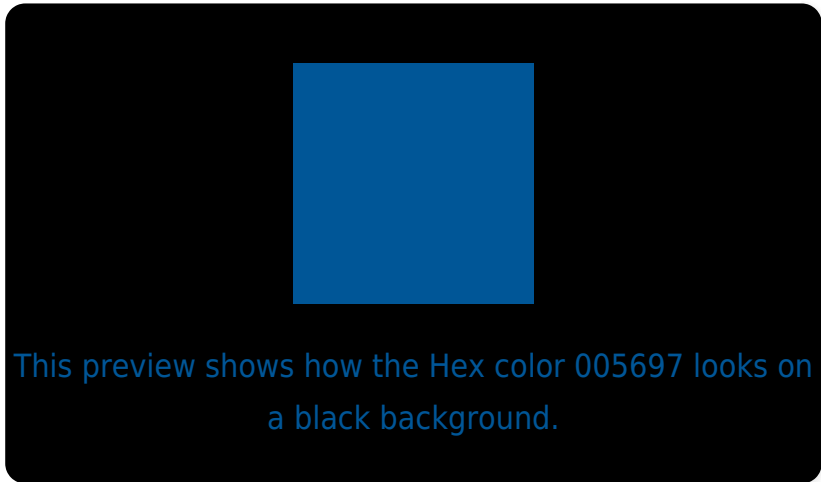
Large Text (above 18pt) WCAG AA ✓ Pass

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

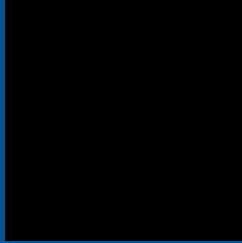
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005697 Background



This preview shows how black text looks on a background with the Hex color 005697.



This preview shows how white text looks on a background with the Hex color 005697.

# 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**  
005E64

# Trichromacy



**Original Color**  
005697

**Protanomaly**  
235394

**Deuteranomaly**  
0A5697

**Tritanomaly**  
005B77

# Monochromacy



**Original Color**  
005697

**Achromatopsia**  
444444

**Achromatomaly**  
2B4B62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005697 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 #005697 looks like.

```
.text, #text, p{  
    color:#005697  
}
```

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 #005697 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005697
}
```

## Border

The CSS property to change the border of an element to Hex 005697 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
#005697 }
```

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

```
.border{ border-color:#005697 }
```

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

Here you see how a box with a 4 pixel #005697 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005697; -webkit-box-shadow:4px 4px  
4px 4px #005697; box-shadow:4px 4px 4px  
4px #005697 }
```

# Background

The CSS property to change the background color of an element to Hex 005697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005697 }
```

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

```
.background{ background-color:#005697 }
```

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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