

# Converting Colors

Hex(005694)

Have a look what the booklet for  
Hex(005694) contains.

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# Color

**Hex(005694)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005694
RGB	0, 86, 148
RGB Percent	0%, 34%, 58%
CMY	1.0000, 0.6627, 0.4196
CMYK	1.00, 0.42, 0.00, 0.42
HSL	205°, 100%, 29%
HSV	205°, 100%, 58%
XYZ	8.6731, 8.7937, 29.2572
YIQ	67.3540, -71.1580, 1.0500

# Conversions

## Conversions Part 2

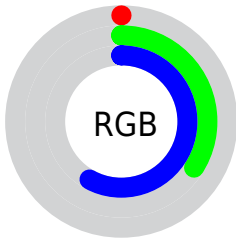
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 54, 148
Decimal	22164
CIE <sub>Lab</sub>	35.58, 2.76, -40.12
CIE <sub>LCh</sub>	36, 40.216, 273.933
Yxy	8.7937, 0.1856, 0.1882
Android (android.graphics.Color)	4278212244 (0xFF005694)
YUV	67.3540, 39.7585, -59.0695
Hunter-Lab	29.6542, 0.3119, -37.7384

# Details

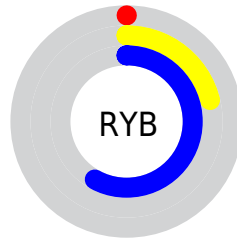
The Hex color **005694** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **943E00**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5287CB**, and **002A61** is the 20% darker color. If you saturate the color by 10%, you get **005694**, and if you desaturate by 10%, it is **0F5C94**.

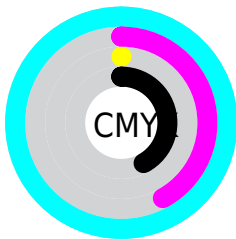
# Distribution



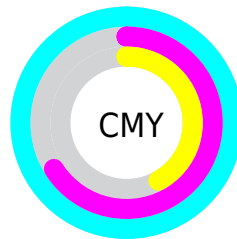
- Red (0%)
- Green (34%)
- Blue (58%)



- Red (0%)
- Yellow (21%)
- Blue (58%)



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



- Cyan (100%)
- Magenta (66%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005694 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 005694 by changing the saturation by 10% instead.



 005694

 005694

FFFFFF

 003F7A

 5287CB

 002A61

 70A1E7

 001648

 8DBCFF

 000431

 A9D8FF

 00011C

 C6F4FF

 000000

 E4FFFF

 005694

 0F5C94

■ 1E6294

■ 2C6994

■ 3B6F94

■ 4A7594

■ 597B94

■ 688194

■ 768894

■ 858E94

# Harmonies

## Analogous

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



005E8D



005694



5A4989

# Triad

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



005694



8B3B32



006136

# Complementary

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



005694



943E00

# 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.



3F5C1A



005694



7A4818

# Square

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



005694



8D3551



60540B



006357

# Rectangle

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



005694



74407A



60540B



20602C



# Sweetspot

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



005694



86A7BF



00943E



3E5261



E0E0E0



616161



# Same Dimension

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



005694



006FBF



000C94



43474A



00508A



00060A



# Inverse Universe

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



940056



BF006F



948800



4A4347



8A0050



0A0006



# Previews

## White Background



This preview shows how the Hex color 005694 looks on a white background.

## Color Contrast Check

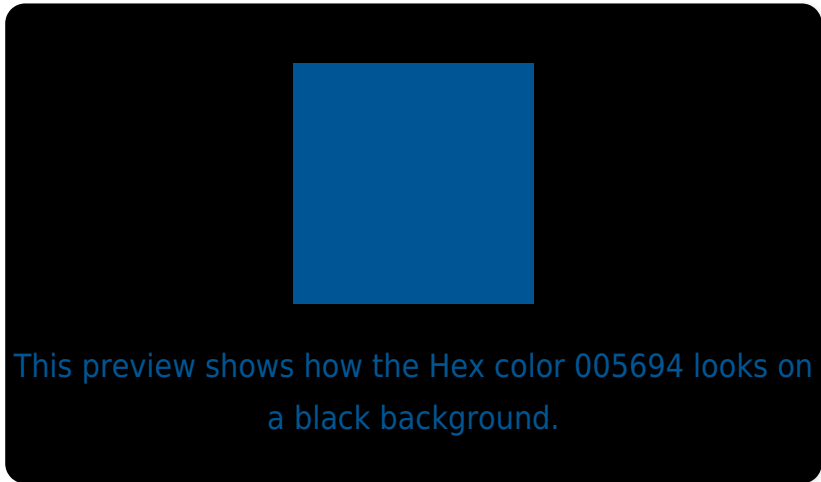
Large Text (above 18pt) WCAG AA ✓ Pass

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

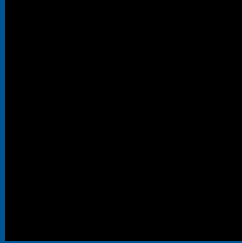
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005694 Background



This preview shows how black text looks on a background with the Hex color 005694.



This preview shows how white text looks on a background with the Hex color 005694.

# 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**  
005694

**Protanomaly**  
245391

**Deuteranomaly**  
115594

**Tritanomaly**  
005A75

# Monochromacy



**Original Color**  
005694

**Achromatopsia**  
434343

**Achromatomaly**  
2B4A60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005694 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 #005694 looks like.

```
.text, #text, p{  
    color:#005694  
}
```

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 #005694 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005694
}
```

## Border

The CSS property to change the border of an element to Hex 005694 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
#005694 }
```

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

```
.border{ border-color:#005694 }
```

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

Here you see how a box with a 4 pixel #005694 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005694; -webkit-box-shadow:4px 4px  
4px 4px #005694; box-shadow:4px 4px 4px  
4px #005694 }
```

# Background

The CSS property to change the background color of an element to Hex 005694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005694 }
```

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

```
.background{ background-color:#005694 }
```

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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