

Converting Colors

Hex(005394)

Have a look what the booklet for
Hex(005394) contains.

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Color

Hex(005394)

Conversions

Conversions Part 1

Format	Color
Hex	005394
RGB	0, 83, 148
RGB Percent	0%, 33%, 58%
CMY	1.0000, 0.6745, 0.4196
CMYK	1.00, 0.44, 0.00, 0.42
HSL	206°, 100%, 29%
HSV	206°, 100%, 58%
XYZ	8.4386, 8.3246, 29.1790
YIQ	65.5930, -70.3330, 2.6190

Conversions

Conversions Part 2

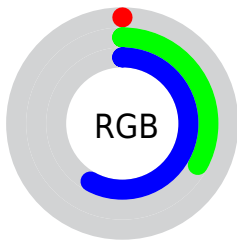
Format	Color
R _{YB}	0, 53, 148
Decimal	21396
CIE Lab	34.65, 4.74, -41.62
CIE LCh	35, 41.885, 276.493
Yxy	8.3246, 0.1837, 0.1812
Android (android.graphics.Color)	4278211476 (0xFF005394)
YUV	65.5930, 40.6267, -57.5251
Hunter-Lab	28.8524, 1.7146, -39.7644

Details

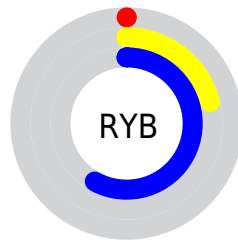
The Hex color **005394** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **944100**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5284CB**, and **002761** is the 20% darker color. If you saturate the color by 10%, you get **005394**, and if you desaturate by 10%, it is **0F5A94**.

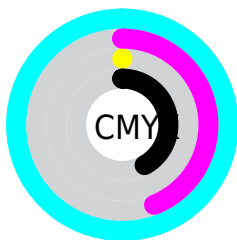
Distribution



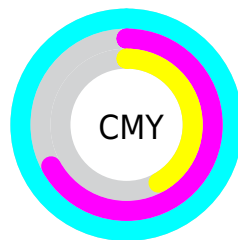
- Red (0%)
- Green (33%)
- Blue (58%)



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



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (67%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005394 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 005394 by changing the saturation by 10% instead.

 005394

 005394

FFFFFF

 003C7A


 5284CB

 002761

 709EE7

 001348

 8DB9FF

 000431

 A9D4FF

 00011B

 C6F1FF

 000000

 E4FFFF

 005394

 0F5A94

■ 1E6094

■ 2C6794

■ 3B6D94

■ 4A7494

■ 597A94

■ 688194

■ 768794

■ 858E94

Harmonies

Analogous

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



005C8E



005394



5C4587

Triad

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



005394



89382C



005F35

Complementary

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



005394



944100

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.



385B17



005394



774610

Square

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



005394



8D304C



5B5203



006158

Rectangle

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



005394



763B77



5B5203



125E2B

Sweetspot

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



005394



86A6BF



009440



3E5261



E0E0E0



616161

Same Dimension

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



005394



006BBF



000A94



43474A



004D8A



00060A

Inverse Universe

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



940053



BF006B



948A00



4A4347



8A004D



0A0006

Previews

White Background



This preview shows how the Hex color 005394 looks on a white background.

Color Contrast Check

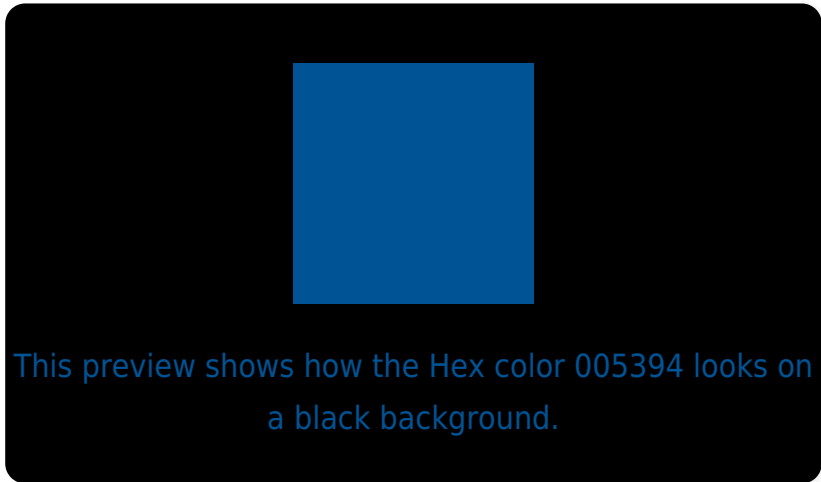
Large Text (above 18pt) WCAG AA ✓ Pass

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

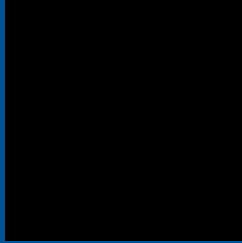
Any Text WCAG AA × Fail

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 005394 Background



This preview shows how black text looks on a background with the Hex color 005394.



This preview shows how white text looks on a background with the Hex color 005394.

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
005B61

Trichromacy



Original Color
005394

Protanomaly
205091

Deuteranomaly
005393

Tritanomaly
005874

Monochromacy



Original Color
005394

Achromatopsia
424242

Achromatomaly
2A4860

CSS Examples

Text

The CSS property to change the color of the text to Hex 005394 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 #005394 looks like.

```
.text, #text, p{  
    color:#005394  
}
```

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 #005394 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005394
}
```

Border

The CSS property to change the border of an element to Hex 005394 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
#005394 }
```

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

```
.border{ border-color:#005394 }
```

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

Here you see how a box with a 4 pixel #005394 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005394; -webkit-box-shadow:4px 4px  
4px 4px #005394; box-shadow:4px 4px 4px  
4px #005394 }
```

Background

The CSS property to change the background color of an element to Hex 005394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005394 }
```

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

```
.background{ background-color:#005394 }
```

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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