

Converting Colors

Hex(005293)

Have a look what the booklet for
Hex(005293) contains.

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Color

Hex(005293)

Conversions

Conversions Part 1

Format	Color
Hex	005293
RGB	0, 82, 147
RGB Percent	0%, 32%, 58%
CMY	1.0000, 0.6784, 0.4235
CMYK	1.00, 0.44, 0.00, 0.42
HSL	207°, 100%, 29%
HSV	207°, 100%, 58%
XYZ	8.2838, 8.1412, 28.7386
YIQ	64.8920, -69.7370, 2.8310

Conversions

Conversions Part 2

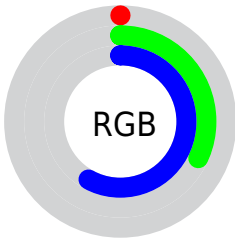
Format	Color
RYB	0, 53, 147
Decimal	21139
CIELab	34.28, 4.98, -41.61
CIELCh	34, 41.907, 276.825
Yxy	8.1412, 0.1834, 0.1803
Android (android.graphics.Color)	4278211219 (0xFF005293)
YUV	64.8920, 40.4792, -56.9103
Hunter-Lab	28.5327, 1.8906, -39.7448

Details

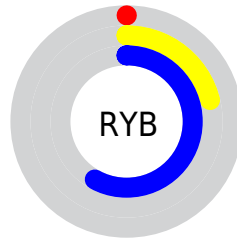
The Hex color **005293** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **934100**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5283CA**, and **002660** is the 20% darker color. If you saturate the color by 10%, you get **005293**, and if you desaturate by 10%, it is **0F5993**.

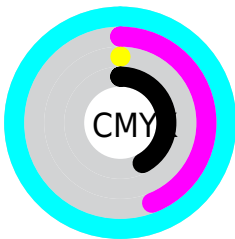
Distribution



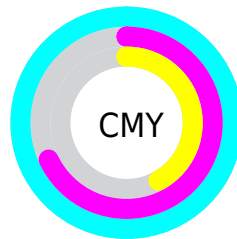
- Red (0%)
- Green (32%)
- Blue (58%)



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



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



- Cyan (100%)
- Magenta (68%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005293 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 005293 by changing the saturation by 10% instead.

■ 005293

■ 005293

FFFFFF

■ 003B79

■ 5283CA

■ 002660

■ 6F9DE6

■ 001248

■ 8CB8FF

■ 000430

■ A9D3FF

■ 00011B

■ C6EFFF

■ 000000

■ E4FFFF

■ 005293

■ 0F5993

■ 1D5F93

■ 2C6693

■ 3B6C93

■ 4A7393

■ 587993

■ 678093

■ 768693

■ 848D93

Harmonies

Analogous

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



005B8E



005293



5B4486

Triad

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



005293



88372A



005E35

Complementary

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



005293



934100

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.



375A16



005293



76450F

Square

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



005293



8C2F4A



5A5102



006058

Rectangle

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



005293



753A76



5A5102



0F5D2A

Sweetspot

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



005293



86A6BF



009340



3E5161



E0E0E0



616161

Same Dimension

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



005293



006BBF



000A93



43474A



004D8A



00060A

Inverse Universe

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



930052



BF006B



938900



4A4347



8A004D



0A0006

Previews

White Background



This preview shows how the Hex color 005293 looks on a white background.

Color Contrast Check

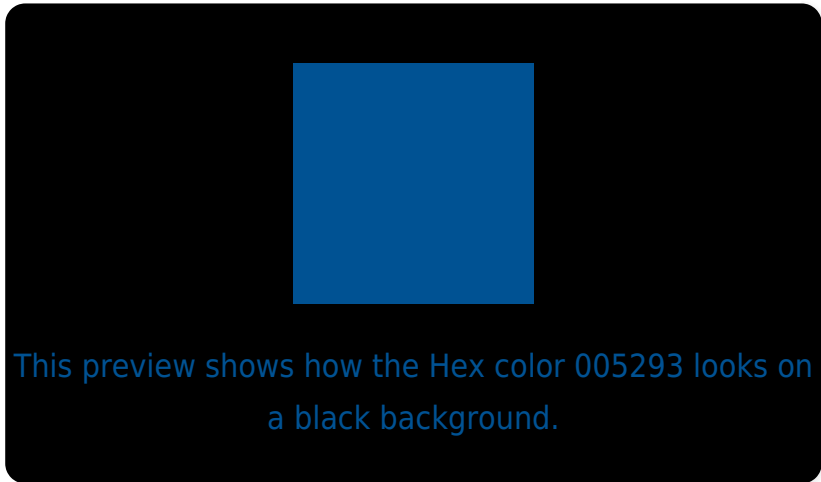
Large Text (above 18pt) WCAG AA ✓ Pass

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

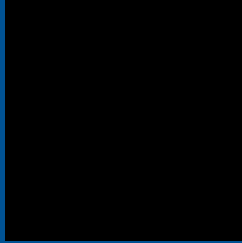
Any Text WCAG AA × Fail

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 005293 Background



This preview shows how black text looks on a background with the Hex color 005293.



This preview shows how white text looks on a background with the Hex color 005293.

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
005A60

Trichromacy



Original Color
005293

Protanomaly
205091

Deuteranomaly
005292

Tritanomaly
005773

Monochromacy



Original Color
005293

Achromatopsia
414141

Achromatomaly
29475F

CSS Examples

Text

The CSS property to change the color of the text to Hex 005293 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 #005293 looks like.

```
.text, #text, p{  
    color:#005293  
}
```

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 #005293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005293
}
```

Border

The CSS property to change the border of an element to Hex 005293 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
#005293 }
```

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

```
.border{ border-color:#005293 }
```

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

Here you see how a box with a 4 pixel #005293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005293; -webkit-box-shadow:4px 4px  
4px 4px #005293; box-shadow:4px 4px 4px  
4px #005293 }
```

Background

The CSS property to change the background color of an element to Hex 005293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005293 }
```

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

```
.background{ background-color:#005293 }
```

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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