

# Converting Colors

Hex(005299)

Have a look what the booklet for  
Hex(005299) contains.

<b>Hex(005299)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(005299)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005299
RGB	0, 82, 153
RGB Percent	0%, 32%, 60%
CMY	1.0000, 0.6784, 0.4000
CMYK	1.00, 0.46, 0.00, 0.40
HSL	208°, 100%, 30%
HSV	208°, 100%, 60%
XYZ	8.7671, 8.3345, 31.2836
YIQ	65.5760, -71.6630, 4.6970

# Conversions

## Conversions Part 2

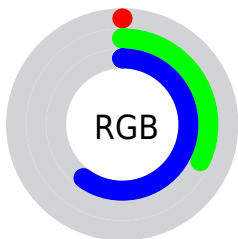
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 53, 153
Decimal	21145
CIE <sub>Lab</sub>	34.67, 7.51, -44.61
CIE <sub>LCh</sub>	35, 45.237, 279.554
Yxy	8.3345, 0.1812, 0.1723
Android (android.graphics.Color)	4278211225 (0xFF005299)
YUV	65.5760, 43.1000, -57.5102
Hunter-Lab	28.8695, 3.6850, -44.0392

# Details

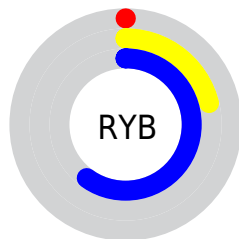
The Hex color **005299** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **994700**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5483D0**, and **002665** is the 20% darker color. If you saturate the color by 10%, you get **005299**, and if you desaturate by 10%, it is **0F5999**.

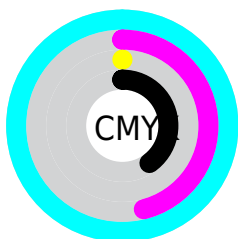
# Distribution



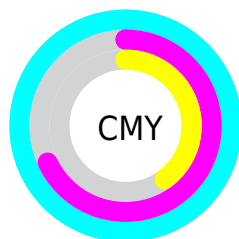
- Red (0%)
- Green (32%)
- Blue (60%)



- Red (0%)
- Yellow (21%)
- Blue (60%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (68%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005299 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 005299 by changing the saturation by 10% instead.



005299

005299

FFFFFF

003B7F

5483D0

002665

729DEC

00124D

8FB7FF

000535

ACD3FF

00021F

C9EFFF

000002

E6FFFF

000000

005299

0F5999

■ 1F6099

■ 2E6799

■ 3D6E99

■ 4D7599

■ 5C7D99

■ 6B8499

■ 7A8B99

■ 8A9299

# Harmonies

## Analogous

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



005C95



005299



61438A

# Triad

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



005299



8B3725



006037

# Complementary

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



005299



994700

# 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.



305C13



005299



764705

# Square

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



005299



922C48



585400



00625C

# Rectangle

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



005299



7C3777



585400



005F2B



# Sweetspot

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



005299



8BABC7



009945



405363



E3E3E3



636363



# Same Dimension

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



005299



006BC7



000899



45494D



004B8C



00070D



# Inverse Universe

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



990052



C7006B



999100



4D4549



8C004B



0D0007



# Previews

## White Background



This preview shows how the Hex color 005299 looks on a white background.

## Color Contrast Check

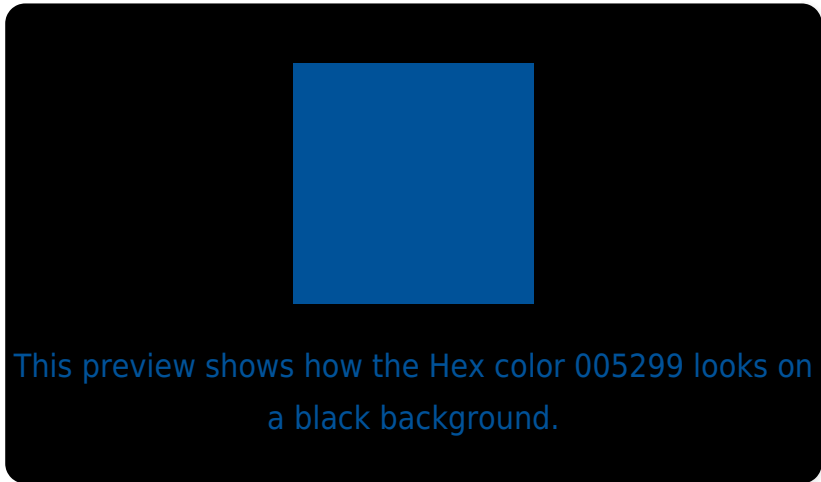
Large Text (above 18pt) WCAG AA ✓ Pass

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

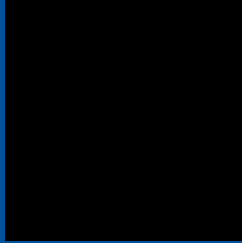
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005299 Background



This preview shows how black text looks on a background with the Hex color 005299.



This preview shows how white text looks on a background with the Hex color 005299.

# 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**  
005299

**Protanomaly**  
1D5097

**Deuteranomaly**  
005395

**Tritanomaly**  
005875

# Monochromacy



**Original Color**  
005299

**Achromatopsia**  
424242

**Achromatomaly**  
2A4862

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005299 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 #005299 looks like.

```
.text, #text, p{  
    color:#005299  
}
```

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 #005299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005299
}
```

## Border

The CSS property to change the border of an element to Hex 005299 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
#005299 }
```

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

```
.border{ border-color:#005299 }
```

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

Here you see how a box with a 4 pixel #005299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005299; -webkit-box-shadow:4px 4px  
4px 4px #005299; box-shadow:4px 4px 4px  
4px #005299 }
```

# Background

The CSS property to change the background color of an element to Hex 005299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005299 }
```

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

```
.background{ background-color:#005299 }
```

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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