

# Converting Colors

Hex(30709B)

Have a look what the booklet for  
Hex(30709B) contains.

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# Color

**Hex(30709B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	30709B
RGB	48, 112, 155
RGB Percent	19%, 44%, 61%
CMY	0.8118, 0.5608, 0.3922
CMYK	0.69, 0.28, 0.00, 0.39
HSL	204°, 53%, 40%
HSV	204°, 69%, 61%
XYZ	12.9295, 14.5833, 33.1437
YIQ	97.7660, -51.9470, -0.1950

# Conversions

## Conversions Part 2

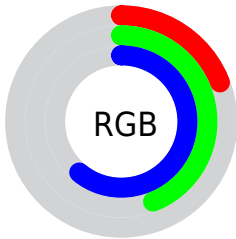
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 88, 155
Decimal	3174555
CIE <sub>Lab</sub>	45.06, -6.03, -29.27
CIE <sub>LCh</sub>	45, 29.880, 258.352
Yxy	14.5833, 0.2132, 0.2404
Android (android.graphics.Color)	4281364635 (0xFF30709B)
YUV	97.7660, 28.2164, -43.6448
Hunter-Lab	38.1881, -6.3936, -24.7267

# Details

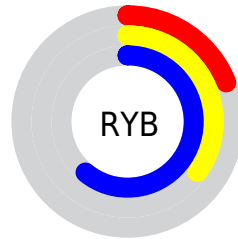
The Hex color **30709B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B5B30**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6AA4D2**, and **004068** is the 20% darker color. If you saturate the color by 10%, you get **216A9B**, and if you desaturate by 10%, it is **3F769B**.

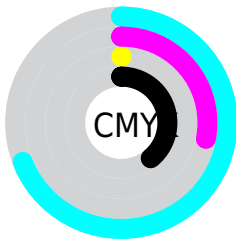
# Distribution



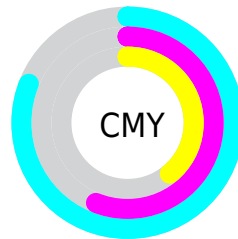
- Red (19%)
- Green (44%)
- Blue (61%)



- Red (19%)
- Yellow (35%)
- Blue (61%)



- Cyan (69%)
- Magenta (28%)
- Yellow (0%)
- Black (39%)



- Cyan (81%)
- Magenta (56%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30709B 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 30709B by changing the saturation by 10% instead.



■ 30709B

■ 30709B

FFFFFF

■ 035881

■ 6AA4D2

■ 004068

■ 86BFEE

■ 002B4F

■ A3DAFF

■ 001738

■ BFF7FF

■ 000222

■ DCFFFF

■ 000009

■ FAFFFF

■ 000000

■ 30709B

■ 30709B

■ 216A9B

■ 3F769B

■ 11649B

■ 4F7C9B

■ 015D9B

■ 5E839B

■ 005D9B

■ 6E899B

■ 7E8F9B

■ 8D959B

■ 9D9C9B

■ ACA29B

■ BBA89B

# Harmonies

## Analogous

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



00758F



30709B



5E689A

# Triad

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



30709B



9B575C



4F7449

# Complementary

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



30709B



9B5B30

# 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.



6B6E3A



30709B



945D46

# Square

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



30709B



955875



83663A



2C7760

# Rectangle

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



30709B



766292



83663A



597243



# Sweetspot

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



30709B



9FB8C9



309B5B



4D5C66



E6E6E6



666666



# Same Dimension

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



30709B



2286C9



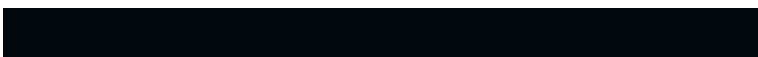
303B9B



45494D



00548C



00080D



# Inverse Universe

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



9B3070



C92286



9B9030



4D4549



8C0054



0D0008



# Previews

## White Background



This preview shows how the Hex color 30709B looks on a white background.

### Color Contrast Check

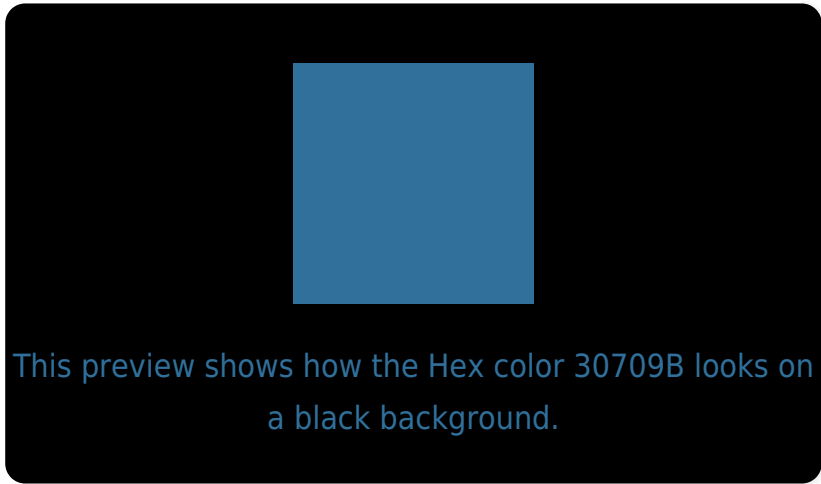
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30709B Background



This preview shows how black text looks on a background with the Hex color 30709B.



This preview shows how white text looks on a background with the Hex color 30709B.

# 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](#).

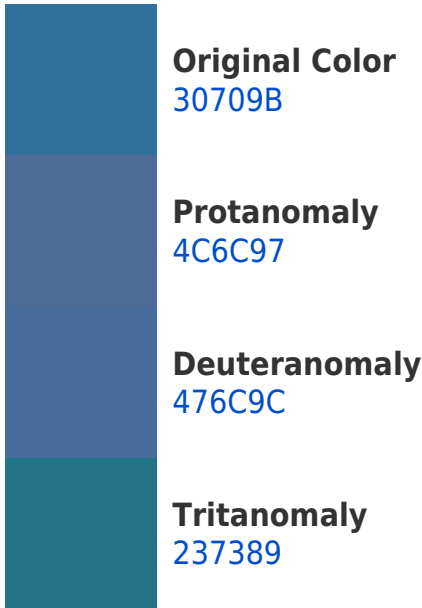
## Dichromacy





**Tritanopia**  
1C757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30709B 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 #30709B looks like.

```
.text, #text, p{  
    color:#30709B  
}
```

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 #30709B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30709B
}
```

## Border

The CSS property to change the border of an element to Hex 30709B 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
#30709B }
```

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

```
.border{ border-color:#30709B }
```

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

Here you see how a box with a 4 pixel #30709B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30709B; -webkit-box-shadow:4px 4px  
4px 4px #30709B; box-shadow:4px 4px 4px  
4px #30709B }
```

# Background

The CSS property to change the background color of an element to Hex 30709B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30709B }
```

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

```
.background{ background-color:#30709B }
```

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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