

# Converting Colors

Hex(0F559A)

Have a look what the booklet for  
Hex(0F559A) contains.

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# Color

**Hex(0F559A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F559A
RGB	15, 85, 154
RGB Percent	6%, 33%, 60%
CMY	0.9412, 0.6667, 0.3961
CMYK	0.90, 0.45, 0.00, 0.40
HSL	210°, 82%, 33%
HSV	210°, 90%, 60%
XYZ	9.2782, 8.9317, 31.8068
YIQ	71.9360, -63.8690, 6.6190

# Conversions

## Conversions Part 2

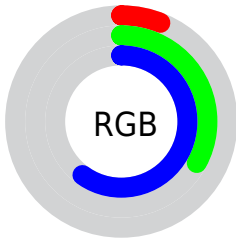
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 62, 154
Decimal	1004954
CIELab	35.85, 6.72, -43.30
CIElCh	36, 43.821, 278.821
Yxy	8.9317, 0.1855, 0.1786
Android (android.graphics.Color)	4279195034 (0xFF0F559A)
YUV	71.9360, 40.4576, -49.9329
Hunter-Lab	29.8859, 3.1161, -42.1808

# Details

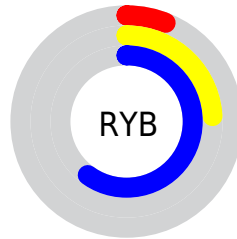
The Hex color **0F559A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9A540F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5886D1**, and **002966** is the 20% darker color. If you saturate the color by 10%, you get **004E9A**, and if you desaturate by 10%, it is **1E5D9A**.

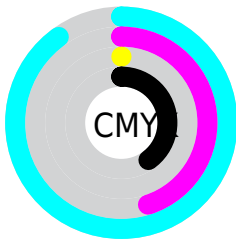
# Distribution



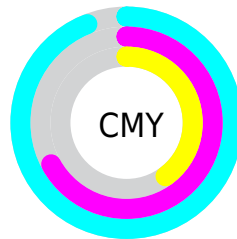
- Red (6%)
- Green (33%)
- Blue (60%)



- Red (6%)
- Yellow (24%)
- Blue (60%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (40%)



- Cyan (94%)
- Magenta (67%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F559A 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 0F559A by changing the saturation by 10% instead.



■ 0F559A

■ 0F559A

FFFFFF

■ 003E80

■ 5886D1

■ 002966

■ 75A0ED

■ 00154E

■ 92BBFF

■ 000536

■ AFD7FF

■ 000220

■ CCF3FF

■ 000004

■ EAFFFF

■ 000000

■ 0F559A

■ 0F559A

■ 004E9A

■ 1E5D9A

■ 2E649A

■ 3D6C9A

■ 4D749A

■ 5C7B9A

■ 6B839A

■ 7B8B9A

■ 8A929A

■ 9A9A9A

# Harmonies

## Analogous

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



005F96



0F559A



63468B

# Triad

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



0F559A



8D3A2A



00633A

# Complementary

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



0F559A



9A540F

# 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.



365E18



0F559A



79490D

# Square

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



0F559A



93314B



5C5601



00655E

# Rectangle

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



0F559A



7D3C79



5C5601



04622E



# Sweetspot

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



0F559A



93AEC9



0F9A52



455666



E6E6E6



666666



# Same Dimension

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



0F559A



0065C9



0F119A



45494D



00478C



00060D



# Inverse Universe

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



9A0F55



C90065



9A980F



4D4549



8C0047



0D0006



# Previews

## White Background



This preview shows how the Hex color 0F559A looks on a white background.

## Color Contrast Check

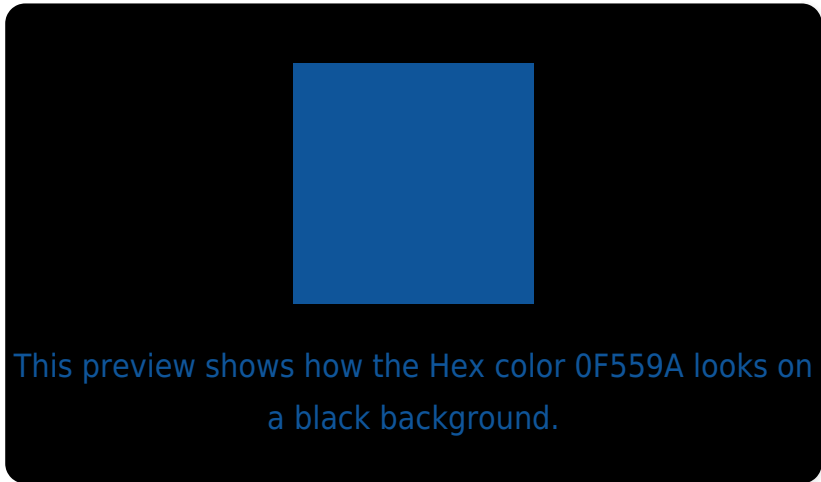
Large Text (above 18pt) WCAG AA ✓ Pass

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

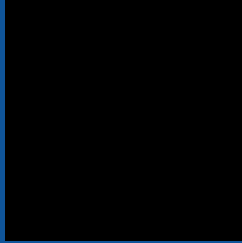
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F559A Background



This preview shows how black text looks on a background with the Hex color 0F559A.



This preview shows how white text looks on a background with the Hex color 0F559A.

# 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**  
005E64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F559A 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 #0F559A looks like.

```
.text, #text, p{  
    color:#0F559A  
}
```

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 #0F559A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F559A
}
```

## Border

The CSS property to change the border of an element to Hex 0F559A 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
#0F559A }
```

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

```
.border{ border-color:#0F559A }
```

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

Here you see how a box with a 4 pixel #0F559A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F559A; -webkit-box-shadow:4px 4px  
4px 4px #0F559A; box-shadow:4px 4px 4px  
4px #0F559A }
```

# Background

The CSS property to change the background color of an element to Hex 0F559A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F559A }
```

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

```
.background{ background-color:#0F559A }
```

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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