

Converting Colors

Hex(0F3891)

Have a look what the booklet for
Hex(0F3891) contains.

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Color

Hex(0F3891)

Conversions

Conversions Part 1

Format	Color
Hex	0F3891
RGB	15, 56, 145
RGB Percent	6%, 22%, 57%
CMY	0.9412, 0.7804, 0.4314
CMYK	0.90, 0.61, 0.00, 0.43
HSL	221°, 81%, 31%
HSV	221°, 90%, 57%
XYZ	6.7220, 4.9742, 27.3939
YIQ	53.8870, -53.0050, 18.9870

Conversions

Conversions Part 2

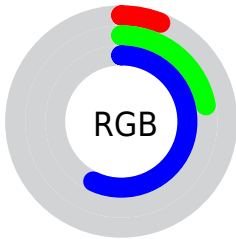
Format	Color
R_{YB}	15, 46, 145
Decimal	997521
CIE _{Lab}	26.66, 22.89, -52.70
CIE _{LCh}	27, 57.460, 293.472
Yxy	4.9742, 0.1720, 0.1273
Android (android.graphics.Color)	4279187601 (0xFF0F3891)
YUV	53.8870, 44.9187, -34.1039
Hunter-Lab	22.3030, 14.7687, -57.2115

Details

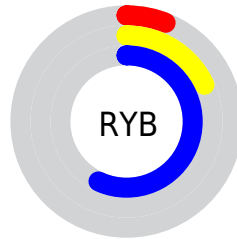
The Hex color **0F3891** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **91680F**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5766C8**, and **00105D** is the 20% darker color. If you saturate the color by 10%, you get **002E91**, and if you desaturate by 10%, it is **1D4291**.

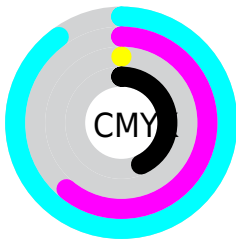
Distribution



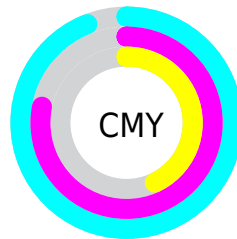
- Red (6%)
- Green (22%)
- Blue (57%)



- Red (6%)
- Yellow (18%)
- Blue (57%)



- Cyan (90%)
- Magenta (61%)
- Yellow (0%)
- Black (43%)



- Cyan (94%)
- Magenta (78%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F3891 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 0F3891 by changing the saturation by 10% instead.

■ 0F3891

■ 0F3891

FFFFFF

■ 002377

■ 5766C8

■ 00105D

■ 747FE4

■ 000145

■ 9199FF

■ 00032E

■ AEB4FF

■ 000118

■ CBCFFF

■ 000000

■ E8ECFF

■ 0F3891

■ 0F3891

■ 002E91

■ 1D4291

■ 2C4C91

■ 3A5691

■ 496091

■ 586A91

■ 667491

■ 747D91

■ 838791

■ 929191

Harmonies

Analogous

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



004898



0F3891



681B74

Triad

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



0F3891



752300



005034

Complementary

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



0F3891



91680F

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.



004D00



0F3891



563A00

Square

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



0F3891



870020



2D4700



005161

Rectangle

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



0F3891



7F0059



2D4700



004F24

Sweetspot

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



0F3891



8A9ABD



0F9168



404A5E



DEDEDE



5E5E5E

Same Dimension

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



0F3891



003CBD



270F91



404347



002B87



000208

Inverse Universe

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



910F38



BD003C



79910F



474043



87002B



080002

Previews

White Background



This preview shows how the Hex color 0F3891 looks on a white background.

Color Contrast Check

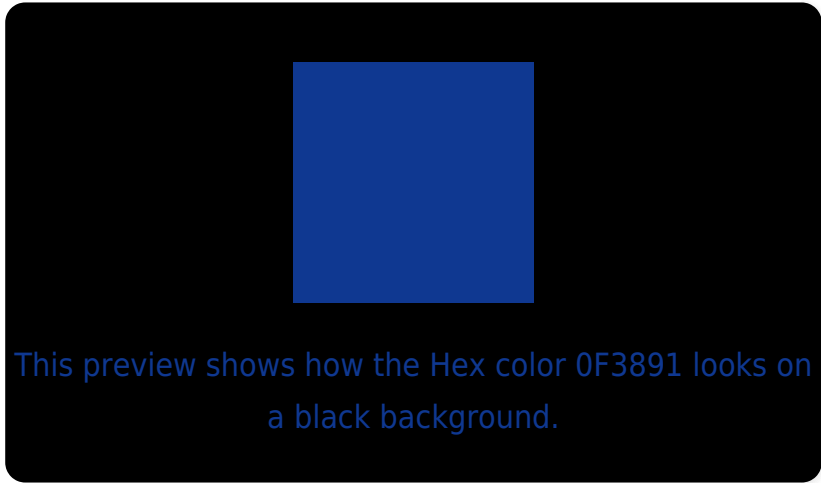
Large Text (above 18pt) WCAG AA ✓ Pass

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

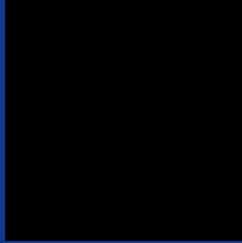
Any Text WCAG AA × Fail

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 0F3891 Background



This preview shows how black text looks on a background with the Hex color 0F3891.



This preview shows how white text looks on a background with the Hex color 0F3891.

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



Original Color
0F3891

Protanopia
003D81

Deuteranopia
00416E

Trichromacy



Original Color
0F3891

Protanomaly
053B87

Deuteranomaly
053E7B

Monochromacy



Original Color
0F3891

Achromatopsia
363636

Achromatomaly
283757

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F3891 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 #0F3891 looks like.

```
.text, #text, p{  
    color:#0F3891  
}
```

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 #0F3891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F3891
}
```

Border

The CSS property to change the border of an element to Hex 0F3891 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
#0F3891 }
```

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

```
.border{ border-color:#0F3891 }
```

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

Here you see how a box with a 4 pixel #0F3891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F3891; -webkit-box-shadow:4px 4px  
4px 4px #0F3891; box-shadow:4px 4px 4px  
4px #0F3891 }
```

Background

The CSS property to change the background color of an element to Hex 0F3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F3891 }
```

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

```
.background{ background-color:#0F3891 }
```

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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