

Converting Colors

Hex(0F3397)

Have a look what the booklet for
Hex(0F3397) contains.

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Color

Hex(0F3397)

Conversions

Conversions Part 1

Format	Color
Hex	0F3397
RGB	15, 51, 151
RGB Percent	6%, 20%, 59%
CMY	0.9412, 0.8000, 0.4078
CMYK	0.90, 0.66, 0.00, 0.41
HSL	224°, 82%, 33%
HSV	224°, 90%, 59%
XYZ	6.9667, 4.7036, 29.8188
YIQ	51.6360, -53.5560, 23.4680

Conversions

Conversions Part 2

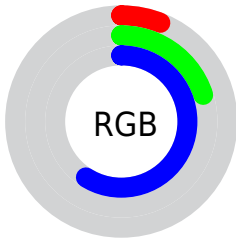
Format	Color
R_{YB}	15, 43, 151
Decimal	996247
CIE _{Lab}	25.87, 28.76, -57.68
CIE _{LCh}	26, 64.458, 296.503
Yxy	4.7036, 0.1679, 0.1134
Android (android.graphics.Color)	4279186327 (0xFF0F3397)
YUV	51.6360, 48.9865, -32.1298
Hunter-Lab	21.6877, 19.3860, -66.3375

Details

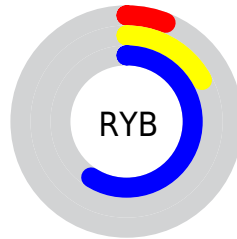
The Hex color **0F3397** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **97730F**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5961CE**, and **000B63** is the 20% darker color. If you saturate the color by 10%, you get **002897**, and if you desaturate by 10%, it is **1E3E97**.

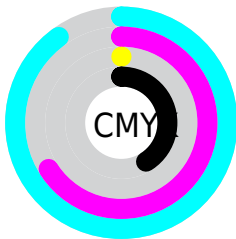
Distribution



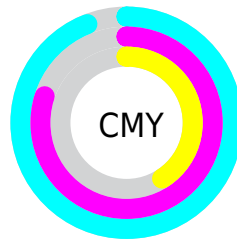
- Red (6%)
- Green (20%)
- Blue (59%)



- Red (6%)
- Yellow (17%)
- Blue (59%)



- Cyan (90%)
- Magenta (66%)
- Yellow (0%)
- Black (41%)



- Cyan (94%)
- Magenta (80%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F3397 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 0F3397 by changing the saturation by 10% instead.

0F3397

0F3397

FFFFFF

001E7C

5961CE

000B63

777AEB

00004A

9494FF

000433

B1AEFF

00021D

CECAFF

000000

ECE6FF

0F3397

0F3397

002897

1E3E97

■ 2D4997

■ 3C5497

■ 4B5F97

■ 5B6B97

■ 6A7697

■ 798197

■ 888C97

■ 979797

Harmonies

Analogous

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



0046A2



0F3397



6F0274

Triad

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



0F3397



741F00



004F36

Complementary

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



0F3397



97730F

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



0F3397



513A00

Square

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



0F3397



8A0016



1F4700



005068

Rectangle

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



0F3397



860056



1F4700



004F24

Sweetspot

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



0F3397



8F9DC4



0F9773



444C63



E3E3E3



636363

Same Dimension

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



0F3397



0034C4



2F0F97



45474D



00258C



00030D

Inverse Universe

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



970F33



C40034



77970F



4D4547



8C0025



0D0003

Previews

White Background



This preview shows how the Hex color 0F3397 looks on a white background.

Color Contrast Check

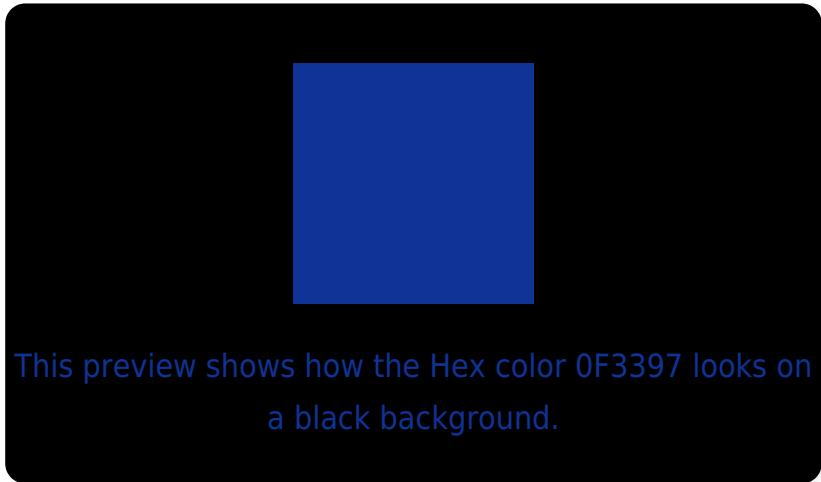
Large Text (above 18pt) WCAG AA ✓ Pass

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

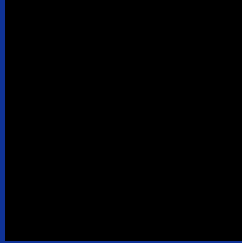
Any Text WCAG AA × Fail

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 0F3397 Background



This preview shows how black text looks on a background with the Hex color 0F3397.

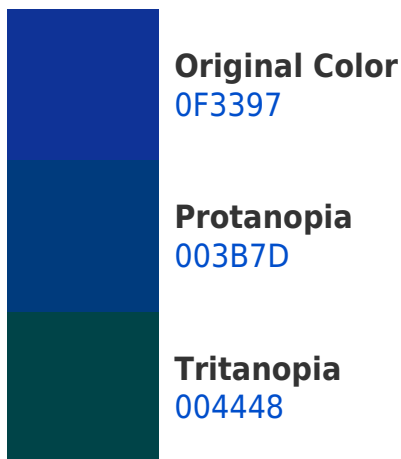


This preview shows how white text looks on a background with the Hex color 0F3397.

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



Trichromacy



Original Color
0F3397

Protanomaly
053886

Tritanomaly
053E65

Monochromacy



Original Color
0F3397

Achromatopsia
343434

Achromatomaly
273458

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F3397 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 #0F3397 looks like.

```
.text, #text, p{  
  color:#0F3397  
}
```

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 #0F3397 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F3397
}
```

Border

The CSS property to change the border of an element to Hex 0F3397 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
#0F3397 }
```

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

```
.border{ border-color:#0F3397 }
```

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

Here you see how a box with a 4 pixel #0F3397 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F3397; -webkit-box-shadow:4px 4px  
4px 4px #0F3397; box-shadow:4px 4px 4px  
4px #0F3397 }
```

Background

The CSS property to change the background color of an element to Hex 0F3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F3397 }
```

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

```
.background{ background-color:#0F3397 }
```

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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