

Converting Colors

Hex(0F3970)

Have a look what the booklet for
Hex(0F3970) contains.

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Color

Hex(0F3970)

Conversions

Conversions Part 1

Format	Color
Hex	0F3970
RGB	15, 57, 112
RGB Percent	6%, 22%, 44%
CMY	0.9412, 0.7765, 0.5608
CMYK	0.87, 0.49, 0.00, 0.56
HSL	214°, 76%, 25%
HSV	214°, 87%, 44%
XYZ	4.5848, 4.1977, 15.8978
YIQ	50.7120, -42.6870, 8.2010

Conversions

Conversions Part 2

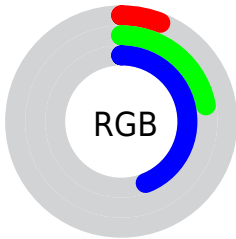
Format	Color
R_YB	15, 44, 112
Decimal	997744
CIE _{Lab}	24.31, 8.24, -35.81
CIE _{LCh}	24, 36.743, 282.961
Yxy	4.1977, 0.1858, 0.1701
Android (android.graphics.Color)	4279187824 (0xFF0F3970)
YUV	50.7120, 30.2150, -31.3194
Hunter-Lab	20.4882, 4.0896, -31.6643

Details

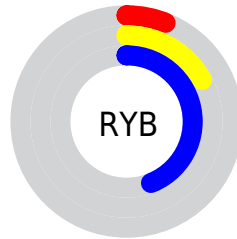
The Hex color **0F3970** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **70460F**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **4D67A4**, and **000F40** is the 20% darker color. If you saturate the color by 10%, you get **043370**, and if you desaturate by 10%, it is **1A3F70**.

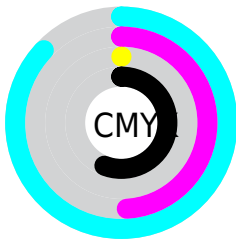
Distribution



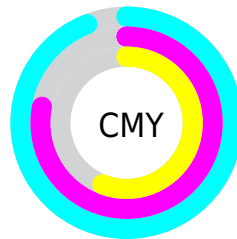
- Red (6%)
- Green (22%)
- Blue (44%)



- Red (6%)
- Yellow (17%)
- Blue (44%)



- Cyan (87%)
- Magenta (49%)
- Yellow (0%)
- Black (56%)



- Cyan (94%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F3970 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 0F3970 by changing the saturation by 10% instead.

■ 0F3970

■ 0F3970

FFFFFF

■ 002457

■ 4D67A4

■ 000F40

■ 6880C0

■ 000329

■ 839ADC

■ 000113

■ 9FB5F8

■ 000000

■ BBD1FF

■ D8EDFF

■ F5FFFF

■ 0F3970

■ 0F3970

■ 043370

■ 1A3F70

■ 003070

■ 254670

■ 314C70

■ 3C5270

■ 475970

■ 525F70

■ 5D6570

■ 696C70

■ 747270

Harmonies

Analogous

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



00416F



0F3970



4A2D63

Triad

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



0F3970



642615



004529

Complementary

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



0F3970



70460F

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.



1C420D



0F3970



543300

Square

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



0F3970



6B1D2F



3C3C00



004645

Rectangle

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



0F3970



5D2453



3C3C00



00451F

Sweetspot

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



0F3970



6C7C91



0F7046



333D4A



C9C9C9



4A4A4A

Same Dimension

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



0F3970



003F91



150F70



323538



003478



006BF7

Inverse Universe

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



700F39



91003F



6A700F



383235



780034



F7006B

Previews

White Background



This preview shows how the Hex color 0F3970 looks on a white background.

Color Contrast Check

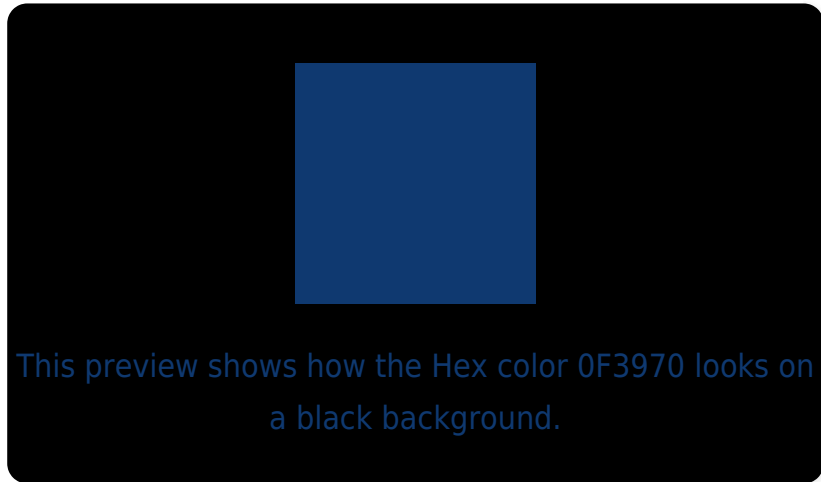
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F3970 Background



This preview shows how black text looks on a background with the Hex color 0F3970.



This preview shows how white text looks on a background with the Hex color 0F3970.

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
0F3970

Protanopia
1B386F

Deuteranopia
003B67

Trichromacy



Original Color
0F3970

Protanomaly
17386F

Deuteranomaly
053A6A

Monochromacy



Original Color
0F3970

Achromatopsia
333333

Achromatomaly
263549

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F3970 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 #0F3970 looks like.

```
.text, #text, p{  
    color:#0F3970  
}
```

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 #0F3970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F3970
}
```

Border

The CSS property to change the border of an element to Hex 0F3970 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
#0F3970 }
```

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

```
.border{ border-color:#0F3970 }
```

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

Here you see how a box with a 4 pixel #0F3970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F3970; -webkit-box-shadow:4px 4px  
4px 4px #0F3970; box-shadow:4px 4px 4px  
4px #0F3970 }
```

Background

The CSS property to change the background color of an element to Hex 0F3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F3970 }
```

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

```
.background{ background-color:#0F3970 }
```

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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