

Converting Colors

Hex(0F4683)

Have a look what the booklet for
Hex(0F4683) contains.

Hex(0F4683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0F4683)

Conversions

Conversions Part 1

Format	Color
Hex	0F4683
RGB	15, 70, 131
RGB Percent	6%, 27%, 51%
CMY	0.9412, 0.7255, 0.4863
CMYK	0.89, 0.47, 0.00, 0.49
HSL	212°, 79%, 29%
HSV	212°, 89%, 51%
XYZ	6.4839, 6.1206, 22.3124
YIQ	60.5090, -52.3610, 7.3110

Conversions

Conversions Part 2

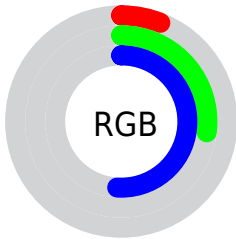
Format	Color
R_{YB}	15, 52, 131
Decimal	1001091
CIE _{Lab}	29.71, 7.25, -39.09
CIE _{LCh}	30, 39.761, 280.513
Yxy	6.1206, 0.1857, 0.1753
Android (android.graphics.Color)	4279191171 (0xFF0F4683)
YUV	60.5090, 34.7521, -39.9114
Hunter-Lab	24.7398, 3.4873, -36.1548

Details

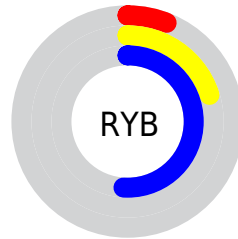
The Hex color **0F4683** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **834C0F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5276B9**, and **001C51** is the 20% darker color. If you saturate the color by 10%, you get **023F83**, and if you desaturate by 10%, it is **1C4D83**.

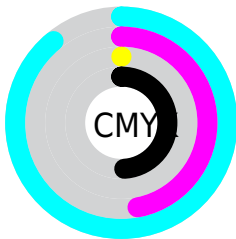
Distribution



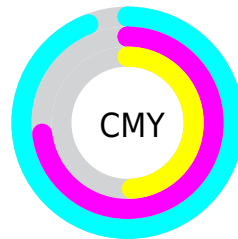
- Red (6%)
- Green (27%)
- Blue (51%)



- Red (6%)
- Yellow (20%)
- Blue (51%)



- Cyan (89%)
- Magenta (47%)
- Yellow (0%)
- Black (49%)



- Cyan (94%)
- Magenta (73%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F4683 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 0F4683 by changing the saturation by 10% instead.

■ 0F4683

■ 0F4683

FFFFFF

■ 003069

■ 5276B9

■ 001C51

■ 6E8FD4

■ 00013A

■ 8AAAF1

■ 000223

■ A6C5FF

■ 00000A

■ C3E1FF

■ 000000

■ E0FDFF

■ FEFFFF

■ 0F4683

■ 0F4683

■ 023F83

■ 1C4D83

■ 003E83

■ 295483

■ 365B83

■ 436283

■ 516883

■ 5E6F83

■ 6B7683

■ 787D83

■ 858483

Harmonies

Analogous

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



004F80



0F4683



553975

Triad

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



0F4683



77301F



005330

Complementary

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



0F4683



834C0F

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.



294F12



0F4683



653D05

Square

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



0F4683



7D273C



4B4800



005450

Rectangle

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



0F4683



6B2F65



4B4800



005226

Sweetspot

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



0F4683



7D93AB



0F834B



3B4857



D6D6D6



575757

Same Dimension

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



0F4683



0051AB



110F83



3C3F42



003E82



000103

Inverse Universe

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



830F46



AB0051



81830F



423C3F



82003E



030001

Previews

White Background



This preview shows how the Hex color 0F4683 looks on a white background.

Color Contrast Check

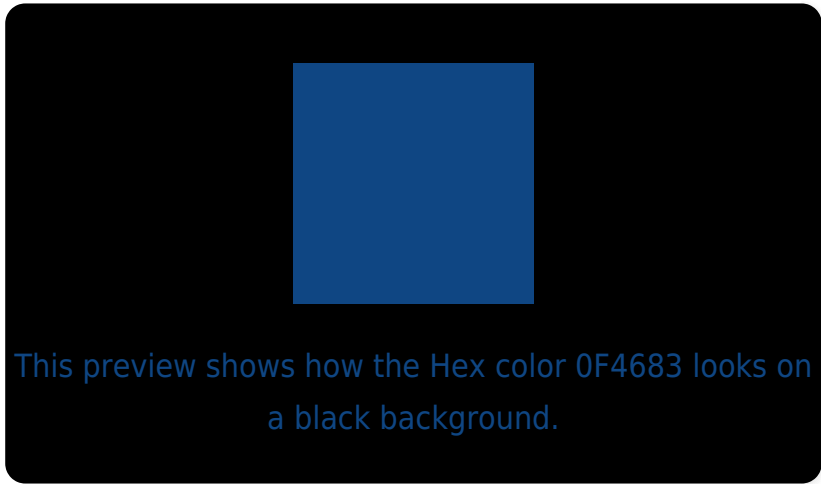
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F4683 Background



This preview shows how black text looks on a background with the Hex color 0F4683.



This preview shows how white text looks on a background with the Hex color 0F4683.

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
004E53

Trichromacy



Original Color
0F4683

Protanomaly
1E4582

Deuteranomaly
054780

Tritanomaly
054B64

Monochromacy



Original Color
0F4683

Achromatopsia
3D3D3D

Achromatomaly
2C4056

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F4683 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 #0F4683 looks like.

```
.text, #text, p{  
    color:#0F4683  
}
```

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 #0F4683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F4683
}
```

Border

The CSS property to change the border of an element to Hex 0F4683 is called "border". The border property can be set on classes, ids or directly on the HTML element.

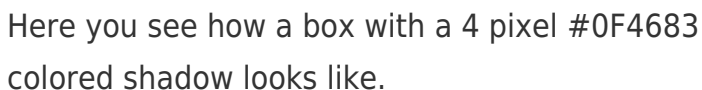
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F4683 }
```

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

```
.border{ border-color:#0F4683 }
```

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



Here you see how a box with a 4 pixel #0F4683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F4683; -webkit-box-shadow:4px 4px  
4px 4px #0F4683; box-shadow:4px 4px 4px  
4px #0F4683 }
```

Background

The CSS property to change the background color of an element to Hex 0F4683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F4683 }
```

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

```
.background{ background-color:#0F4683 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor