

Converting Colors

Hex(0F83A3)

Have a look what the booklet for
Hex(0F83A3) contains.

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Color

Hex(0F83A3)

Conversions

Conversions Part 1

Format	Color
Hex	0F83A3
RGB	15, 131, 163
RGB Percent	6%, 51%, 64%
CMY	0.9412, 0.4863, 0.3608
CMYK	0.91, 0.20, 0.00, 0.36
HSL	193°, 83%, 35%
HSV	193°, 91%, 64%
XYZ	14.9242, 18.9785, 37.5270
YIQ	99.9640, -79.4080, -14.6400

Conversions

Conversions Part 2

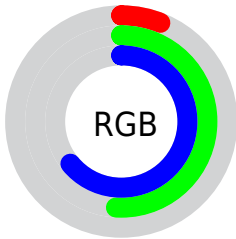
Format	Color
RYB	15, 80, 163
Decimal	1016739
CIELab	50.66, -17.59, -25.29
CIELCh	51, 30.806, 235.179
Yxy	18.9785, 0.2089, 0.2657
Android (android.graphics.Color)	4279206819 (0xFF0F83A3)
YUV	99.9640, 31.0767, -74.5134
Hunter-Lab	43.5643, -15.0875, -20.5783

Details

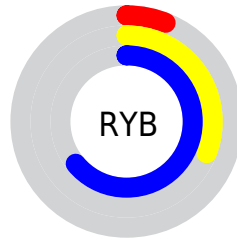
The Hex color **0F83A3** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A32F0F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5DB8DA**, and **00516F** is the 20% darker color. If you saturate the color by 10%, you get **0080A3**, and if you desaturate by 10%, it is **1F87A3**.

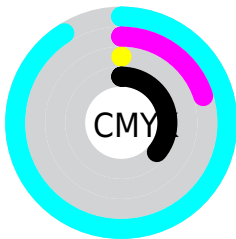
Distribution



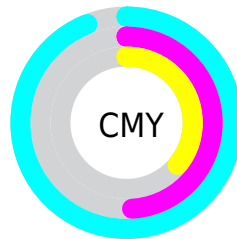
- Red (6%)
- Green (51%)
- Blue (64%)



- Red (6%)
- Yellow (31%)
- Blue (64%)



- Cyan (91%)
- Magenta (20%)
- Yellow (0%)
- Black (36%)



- Cyan (94%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F83A3 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 0F83A3 by changing the saturation by 10% instead.

0F83A3

0F83A3

FFFFFF

006A89

5DB8DA

00516F

7BD4F7

003A57

98F0FF

00253F

B5FFFF

000729

D3FFFF

000114

F1FFFF

000000

0F83A3

0F83A3

0080A3

1F87A3

 308AA3

 408EA3

 5091A3

 6195A3

 7198A3

 819CA3

 919FA3

 A2A3A3

Harmonies

Analogous

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



00868E



0F83A3



4A7DAD

Triad

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



0F83A3



A8647E



737E48

Complementary

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



0F83A3



A32F0F

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.



8D7644



0F83A3



AB6564

Square

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



0F83A3



966A97



A16C4E



54835A

Rectangle

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



0F83A3



6877AB



A16C4E



7C7B45

Sweetspot

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



0F83A3



9BC7D4



0FA32D



49646B



EBEBEB



6B6B6B

Same Dimension

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



0F83A3



00A6D4



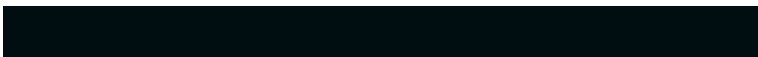
0F3BA3



495052



007291



000E12

Inverse Universe

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



A30F83



D400A6



A3770F



524950



910072



12000E

Previews

White Background



This preview shows how the Hex color 0F83A3 looks on a white background.

Color Contrast Check

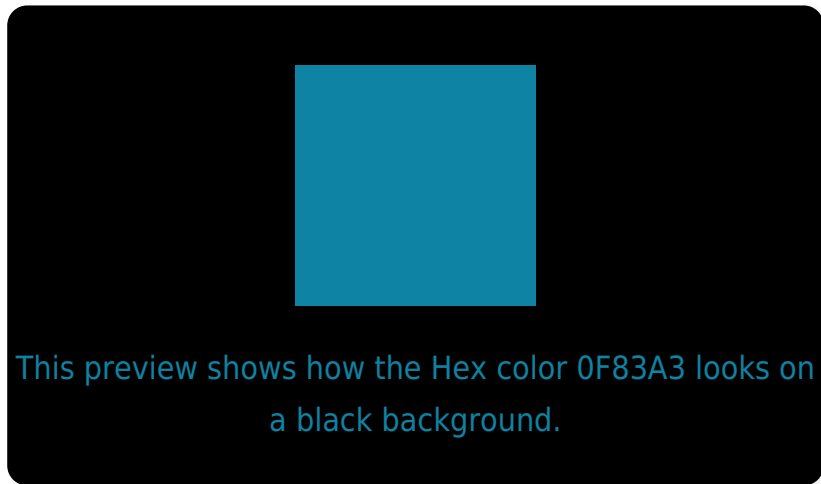
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

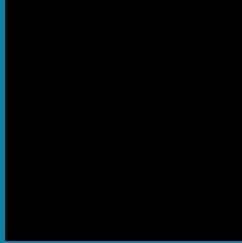
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 0F83A3 Background



This preview shows how black text looks on a background with the Hex color 0F83A3.

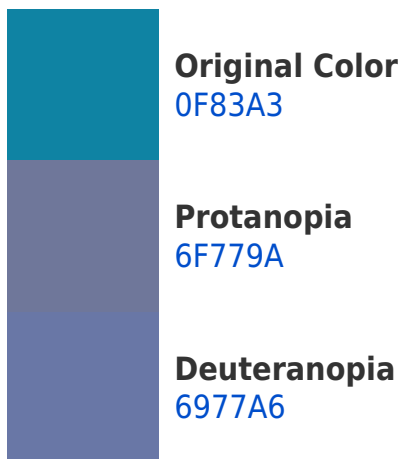


This preview shows how white text looks on a background with the Hex color 0F83A3.

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
008590

Trichromacy



Original Color
0F83A3

Protanomaly
4C7B9D

Deuteranomaly
487BA5

Tritanomaly
058497

Monochromacy



Original Color
0F83A3

Achromatopsia
646464

Achromatomaly
456F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F83A3 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 #0F83A3 looks like.

```
.text, #text, p{  
    color:#0F83A3  
}
```

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 #0F83A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F83A3
}
```

Border

The CSS property to change the border of an element to Hex 0F83A3 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
#0F83A3 }
```

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

```
.border{ border-color:#0F83A3 }
```

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

Here you see how a box with a 4 pixel #0F83A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F83A3; -webkit-box-shadow:4px 4px  
4px 4px #0F83A3; box-shadow:4px 4px 4px  
4px #0F83A3 }
```

Background

The CSS property to change the background color of an element to Hex 0F83A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F83A3 }
```

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

```
.background{ background-color:#0F83A3 }
```

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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