

Converting Colors

Hex(0F18A1)

Have a look what the booklet for
Hex(0F18A1) contains.

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Color

Hex(0F18A1)

Conversions

Conversions Part 1

Format	Color
Hex	0F18A1
RGB	15, 24, 161
RGB Percent	6%, 9%, 63%
CMY	0.9412, 0.9059, 0.3686
CMYK	0.91, 0.85, 0.00, 0.37
HSL	236°, 83%, 35%
HSV	236°, 91%, 63%
XYZ	6.9567, 3.3280, 33.9939
YIQ	36.9270, -49.3410, 40.6990

Conversions

Conversions Part 2

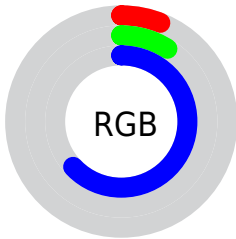
Format	Color
R_{YB}	15, 23, 161
Decimal	989345
CIE _{Lab}	21.31, 48.32, -71.35
CIE _{LCh}	21, 86.169, 304.108
Yxy	3.3280, 0.1571, 0.0752
Android (android.graphics.Color)	4279179425 (0xFF0F18A1)
YUV	36.9270, 61.1680, -19.2300
Hunter-Lab	18.2429, 36.1432, -97.7113

Details

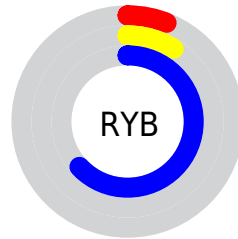
The Hex color **0F18A1** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A1980F**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5F48D9**, and **00006C** is the 20% darker color. If you saturate the color by 10%, you get **000AA1**, and if you desaturate by 10%, it is **1F27A1**.

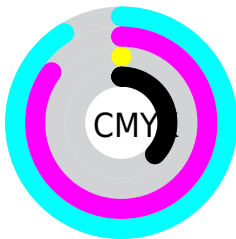
Distribution



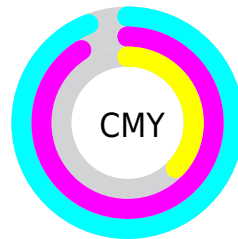
- Red (6%)
- Green (9%)
- Blue (63%)



- Red (6%)
- Yellow (9%)
- Blue (63%)



- Cyan (91%)
- Magenta (85%)
- Yellow (0%)
- Black (37%)



- Cyan (94%)
- Magenta (91%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F18A1 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 0F18A1 by changing the saturation by 10% instead.

■ 0F18A1

■ 0F18A1

FFFFFF

■ 000086

■ 5F48D9

■ 00006C

■ 7E60F6

■ 000352

■ 9C7AFF

■ 00063A

■ BA94FF

■ 000224

■ D8AFFF

■ 00000B

■ F6CBFF

■ 000000

■ FFE8FF

■ 0F18A1

■ 0F18A1

■ 000AA1

■ 1F27A1

■ 2F36A1

■ 3F45A1

■ 4F54A1

■ 6064A1

■ 7073A1

■ 8082A1

■ 9091A1

■ A0A0A1

Harmonies

Analogous

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



003DB9



0F18A1



7F006C

Triad

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



0F18A1



690F00



00473B

Complementary

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



0F18A1



A1980F

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.



004500



0F18A1



383500

Square

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



0F18A1



8B0000



004000



00487B

Rectangle

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



0F18A1



930043



004000



004624

Sweetspot

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



0F18A1



999CD1



0FA197



474969



E8E8E8



696969

Same Dimension

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



0F18A1



000DD1



4E0FA1



494A52



000991



000112

Inverse Universe

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



A10F18



D1000D



62A10F



52494A



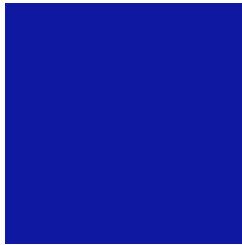
910009



120001

Previews

White Background



This preview shows how the Hex color 0F18A1 looks on a white background.

Color Contrast Check

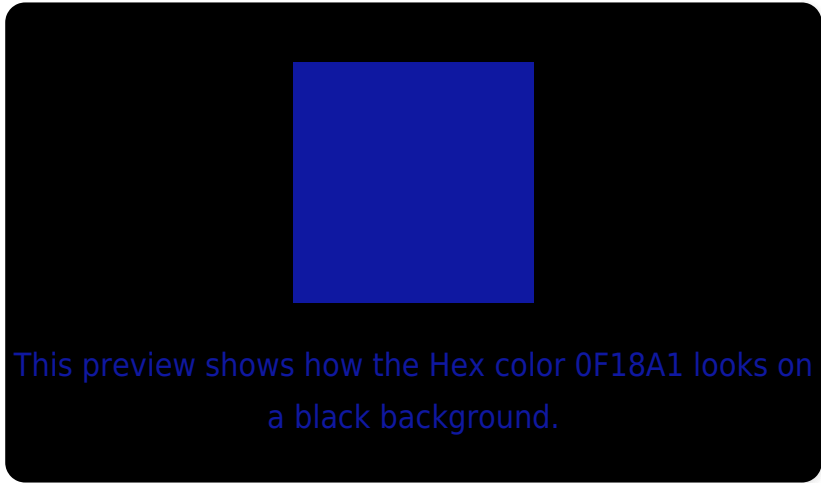
Large Text (above 18pt) WCAG AA ✓ Pass

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

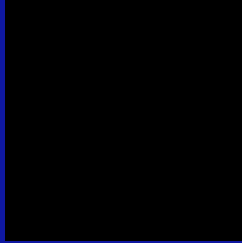
Any Text WCAG AA × Fail

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 0F18A1 Background



This preview shows how black text looks on a background with the Hex color 0F18A1.



This preview shows how white text looks on a background with the Hex color 0F18A1.

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
0F18A1

Protanopia
00326A

Deuteranopia
00365A



Tritanopia
003A3D

Trichromacy



Original Color
0F18A1

Protanomaly
05297E

Deuteranomaly
052B74

Tritanomaly
052E61

Monochromacy



Original Color
0F18A1

Achromatopsia
252525

Achromatomaly
1D2052

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F18A1 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 #0F18A1 looks like.

```
.text, #text, p{  
    color:#0F18A1  
}
```

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 #0F18A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F18A1
}
```

Border

The CSS property to change the border of an element to Hex 0F18A1 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
#0F18A1 }
```

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

```
.border{ border-color:#0F18A1 }
```

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

Here you see how a box with a 4 pixel #0F18A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F18A1; -webkit-box-shadow:4px 4px  
4px 4px #0F18A1; box-shadow:4px 4px 4px  
4px #0F18A1 }
```

Background

The CSS property to change the background color of an element to Hex 0F18A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F18A1 }
```

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

```
.background{ background-color:#0F18A1 }
```

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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