

Converting Colors

Hex(0F1B3D)

Have a look what the booklet for
Hex(0F1B3D) contains.

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Color

Hex(0F1B3D)

Conversions

Conversions Part 1

Format	Color
Hex	0F1B3D
RGB	15, 27, 61
RGB Percent	6%, 11%, 24%
CMY	0.9412, 0.8941, 0.7608
CMYK	0.75, 0.56, 0.00, 0.76
HSL	224°, 61%, 15%
HSV	224°, 75%, 24%
XYZ	1.4312, 1.2223, 4.5754
YIQ	27.2880, -18.0660, 8.0300

Conversions

Conversions Part 2

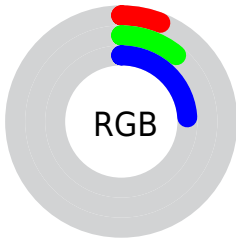
Format	Color
R_{YB}	15, 25, 61
Decimal	990013
CIE Lab	10.72, 8.29, -23.46
CIE LCh	11, 24.883, 289.466
Yxy	1.2223, 0.1980, 0.1691
Android (android.graphics.Color)	4279180093 (0xFF0F1B3D)
YUV	27.2880, 16.6200, -10.7766
Hunter-Lab	11.0560, 3.7596, -16.7973

Details

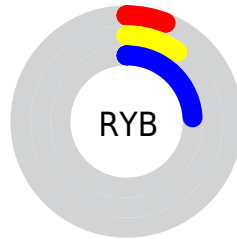
The Hex color **0F1B3D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3D310F**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **3F466D**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **09163D**, and if you desaturate by 10%, it is **15203D**.

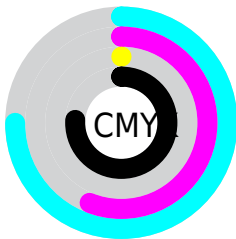
Distribution



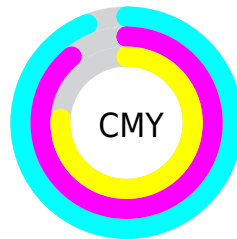
- Red (6%)
- Green (11%)
- Blue (24%)



- Red (6%)
- Yellow (10%)
- Blue (24%)



- Cyan (75%)
- Magenta (56%)
- Yellow (0%)
- Black (76%)



- Cyan (94%)
- Magenta (89%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F1B3D 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 0F1B3D by changing the saturation by 10% instead.

0F1B3D

0F1B3D

FAFEFF

000027

3F466D

000111

585D86

000000

7176A1

8B90BC

A6AAD7

C1C5F4

DEE1FF

0F1B3D

0F1B3D

■ 09163D

■ 15203D

■ 03123D

■ 1B243D

■ 00103D

■ 21293D

■ 272D3D

■ 2E323D

■ 34363D

■ 3A3B3D

■ 403F3D

■ 46443D

Harmonies

Analogous

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



00213E



0F1B3D



2B1333

Triad

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



0F1B3D



361200



002516

Complementary

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



0F1B3D



3D310F

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.



072300



0F1B3D



2A1A00

Square

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



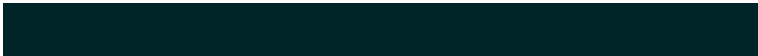
0F1B3D



3B0C12



1C1F00



002528

Rectangle

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



0F1B3D



350E29



1C1F00



002410

Sweetspot

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



0F1B3D



3D424F



0F3D31



1D2029



A8A8A8



292929

Same Dimension

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



0F1B3D



081A4F



1A0F3D



1C1C1F



00195E



003ADE

Inverse Universe

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



3D0F1B



4F081A



323D0F



1F1C1C



5E0019



DE003A

Previews

White Background



This preview shows how the Hex color 0F1B3D looks on a white background.

Color Contrast Check

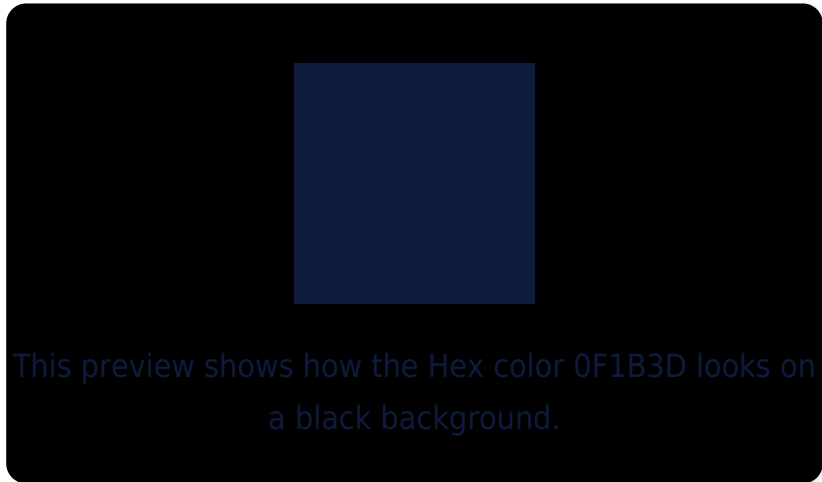
Large Text (above 18pt) WCAG AA ✓ Pass

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

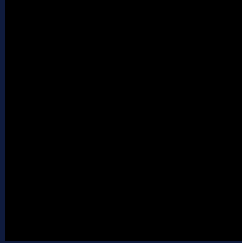
Any Text WCAG AA × Fail

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 0F1B3D Background



This preview shows how black text looks on a background with the Hex color 0F1B3D.



This preview shows how white text looks on a background with the Hex color 0F1B3D.

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
0F1B3D

Protanopia
001C3C

Deuteranopia
001E34

Trichromacy



Original Color
0F1B3D

Protanomaly
051C3C

Deuteranomaly
051D37

Tritanomaly
051F2C

Monochromacy



Original Color
0F1B3D

Achromatopsia
1B1B1B

Achromatomaly
171B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F1B3D 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 #0F1B3D looks like.

```
.text, #text, p{  
    color:#0F1B3D  
}
```

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 #0F1B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F1B3D
}
```

Border

The CSS property to change the border of an element to Hex 0F1B3D 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
#0F1B3D }
```

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

```
.border{ border-color:#0F1B3D }
```

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

Here you see how a box with a 4 pixel #0F1B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F1B3D; -webkit-box-shadow:4px 4px  
4px 4px #0F1B3D; box-shadow:4px 4px 4px  
4px #0F1B3D }
```

Background

The CSS property to change the background color of an element to Hex 0F1B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F1B3D }
```

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

```
.background{ background-color:#0F1B3D }
```

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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