

Converting Colors

Hex(0B1F46)

Have a look what the booklet for
Hex(0B1F46) contains.

Hex(0B1F46)	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(0B1F46)

Conversions

Conversions Part 1

Format	Color
Hex	0B1F46
RGB	11, 31, 70
RGB Percent	4%, 12%, 27%
CMY	0.9569, 0.8784, 0.7255
CMYK	0.84, 0.56, 0.00, 0.73
HSL	220°, 73%, 16%
HSV	220°, 84%, 27%
XYZ	1.7335, 1.4933, 5.9912
YIQ	29.4660, -24.4390, 7.8890

Conversions

Conversions Part 2

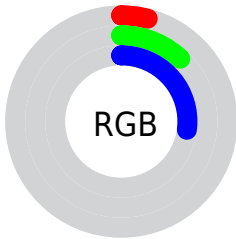
Format	Color
RYB	11, 26, 70
Decimal	728902
CIELab	12.57, 8.49, -26.82
CIElCh	13, 28.130, 287.557
Yxy	1.4933, 0.1881, 0.1620
Android (android.graphics.Color)	4278918982 (0xFF0B1F46)
YUV	29.4660, 19.9833, -16.1947
Hunter-Lab	12.2201, 3.9359, -20.5143

Details

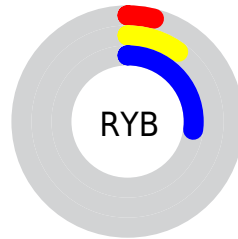
The Hex color **0B1F46** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **46320B**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **3F4A77**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **041A46**, and if you desaturate by 10%, it is **122446**.

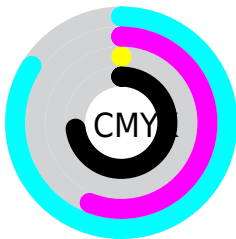
Distribution



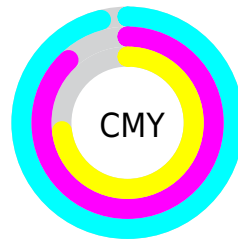
- Red (4%)
- Green (12%)
- Blue (27%)



- Red (4%)
- Yellow (10%)
- Blue (27%)



- Cyan (84%)
- Magenta (56%)
- Yellow (0%)
- Black (73%)



- Cyan (96%)
- Magenta (88%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B1F46 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 0B1F46 by changing the saturation by 10% instead.

■ 0B1F46

■ 0B1F46

■ FCFFFF

■ 00062F

■ 3F4A77

■ 00011A

■ 586291

■ 000000

■ 727BAB

■ 8C95C7

■ A7AFE3

■ C3CBFF

■ DFE7FF

■ 0B1F46

■ 0B1F46

■ 041A46

■ 122446

■ 001846

■ 192846

■ 202D46

■ 273246

■ 2E3646

■ 353B46

■ 3C3F46

■ 434446

■ 4A4946

Harmonies

Analogous

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



002547



0B1F46



2F163B

Triad

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



0B1F46



3E1400



002918

Complementary

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



0B1F46



46320B

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.



082700



0B1F46



311D00

Square

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



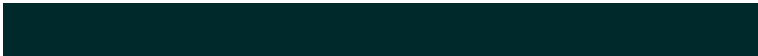
0B1F46



430C16



202300



00292C

Rectangle

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



0B1F46



3B0F30



202300



002811

Sweetspot

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



0B1F46



454D5C



0B4631



20252E



ADADAD



2E2E2E

Same Dimension

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



0B1F46



001F5C



140B46



202124



002263



004DE3

Inverse Universe

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



460B1F



5C001F



3D460B



242021



630022



E3004D

Previews

White Background



This preview shows how the Hex color 0B1F46 looks on a white background.

Color Contrast Check

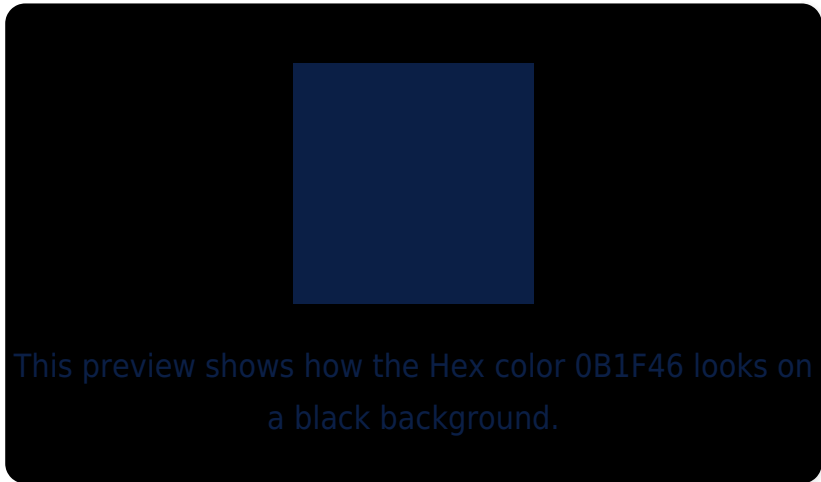
Large Text (above 18pt) WCAG AA ✓ Pass

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

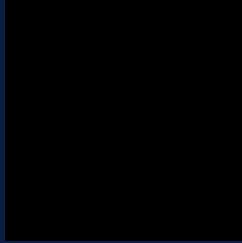
Any Text WCAG AA × Fail

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 0B1F46 Background



This preview shows how black text looks on a background with the Hex color 0B1F46.



This preview shows how white text looks on a background with the Hex color 0B1F46.

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
0B1F46

Protanopia
002044

Deuteranopia
00223B

Trichromacy



Original Color

0B1F46

Protanomaly

042045

Deuteranomaly

04213F

Tritanomaly

042332

Monochromacy



Original Color

0B1F46

Achromatopsia

1D1D1D

Achromatomaly

161E2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B1F46 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 #0B1F46 looks like.

```
.text, #text, p{  
    color:#0B1F46  
}
```

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 #0B1F46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B1F46
}
```

Border

The CSS property to change the border of an element to Hex 0B1F46 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".

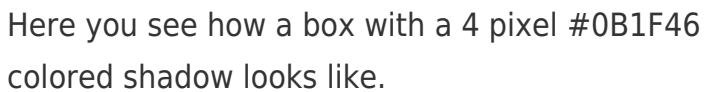
```
.border, #border, table{ border:4px solid
#0B1F46 }
```

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

```
.border{ border-color:#0B1F46 }
```

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

Here you see how a box with a 4 pixel #0B1F46 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border and a thicker dark blue shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B1F46; -webkit-box-shadow:4px 4px  
4px 4px #0B1F46; box-shadow:4px 4px 4px  
4px #0B1F46 }
```

Background

The CSS property to change the background color of an element to Hex 0B1F46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B1F46 }
```

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

```
.background{ background-color:#0B1F46 }
```

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