

Converting Colors

Hex(0B1F70)

Have a look what the booklet for
Hex(0B1F70) contains.

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Color

Hex(0B1F70)

Conversions

Conversions Part 1

Format	Color
Hex	0B1F70
RGB	11, 31, 112
RGB Percent	4%, 12%, 44%
CMY	0.9569, 0.8784, 0.5608
CMYK	0.90, 0.72, 0.00, 0.56
HSL	228°, 82%, 24%
HSV	228°, 90%, 44%
XYZ	3.5526, 2.2210, 15.5707
YIQ	34.2540, -37.9210, 20.9510

Conversions

Conversions Part 2

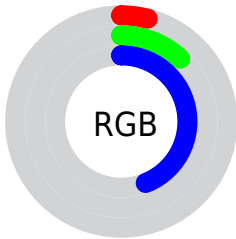
Format	Color
R_{YB}	11, 28, 112
Decimal	728944
CIE _{Lab}	16.61, 26.63, -48.37
CIE _{LCh}	17, 55.215, 298.836
Yxy	2.2210, 0.1664, 0.1041
Android (android.graphics.Color)	4278919024 (0xFF0B1F70)
YUV	34.2540, 38.3288, -20.3938
Hunter-Lab	14.9029, 16.4715, -51.5145

Details

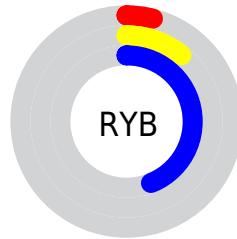
The Hex color **0B1F70** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **705C0B**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **4D4BA5**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **001670**, and if you desaturate by 10%, it is **162870**.

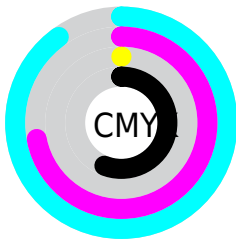
Distribution



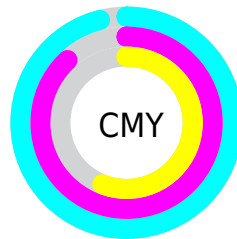
- Red (4%)
- Green (12%)
- Blue (44%)



- Red (4%)
- Yellow (11%)
- Blue (44%)



- Cyan (90%)
- Magenta (72%)
- Yellow (0%)
- Black (56%)



- Cyan (96%)
- Magenta (88%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B1F70 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 0B1F70 by changing the saturation by 10% instead.

■ 0B1F70

■ 0B1F70

FFFFFF

■ 000B57

■ 4D4BA5

■ 00003F

■ 6963C0

■ 000328

■ 857CDC

■ 000112

■ A196F9

■ 000000

■ BDB0FF

■ DACCFE

■ F7E8FF

■ 0B1F70

■ 0B1F70

■ 001670

■ 162870

■ 213170

■ 2D3A70

■ 384370

■ 434C70

■ 4E5570

■ 595E70

■ 656770

■ 707070

Harmonies

Analogous

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



00307A



0B1F70



540053

Triad

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



0B1F70



521200



003726

Complementary

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



0B1F70



705C0B

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.



003500



0B1F70



352700

Square

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



0B1F70



650000



083100



00384F

Rectangle

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



0B1F70



64003A



083100



003718

Sweetspot

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



0B1F70



6A7291



0B705C



32374A



C9C9C9



4A4A4A

Same Dimension

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



0B1F70



001D91



290B70



323438



001878



0031F7

Inverse Universe

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



700B1F



91001D



52700B



383234



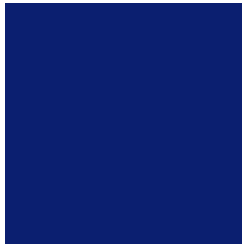
780018



F70031

Previews

White Background



This preview shows how the Hex color 0B1F70 looks on a white background.

Color Contrast Check

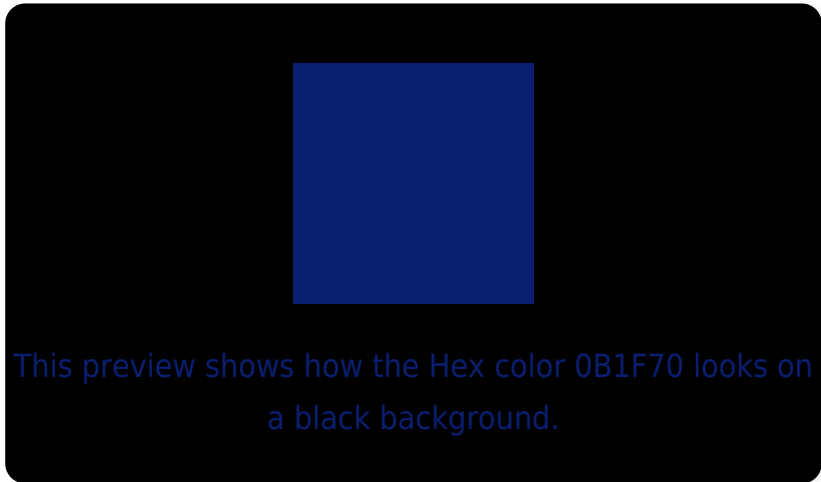
Large Text (above 18pt) WCAG AA ✓ Pass

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

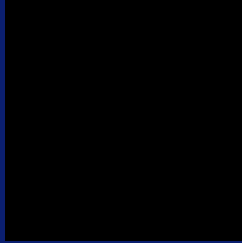
Any Text WCAG AA × Fail

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 0B1F70 Background



This preview shows how black text looks on a background with the Hex color 0B1F70.



This preview shows how white text looks on a background with the Hex color 0B1F70.

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
0B1F70

Protanopia
002955

Deuteranopia
002B49



Tritanopia
002F31

Trichromacy



Original Color
0B1F70

Protanomaly
04255F

Deuteranomaly
042757

Tritanomaly
042948

Monochromacy



Original Color
0B1F70

Achromatopsia
222222

Achromatomaly
1A213E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B1F70 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 #0B1F70 looks like.

```
.text, #text, p{  
    color:#0B1F70  
}
```

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 #0B1F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B1F70
}
```

Border

The CSS property to change the border of an element to Hex 0B1F70 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
#0B1F70 }
```

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

```
.border{ border-color:#0B1F70 }
```

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

Here you see how a box with a 4 pixel #0B1F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B1F70; -webkit-box-shadow:4px 4px  
4px 4px #0B1F70; box-shadow:4px 4px 4px  
4px #0B1F70 }
```

Background

The CSS property to change the background color of an element to Hex 0B1F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B1F70 }
```

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

```
.background{ background-color:#0B1F70 }
```

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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