

Converting Colors

Hex(0B145F)

Have a look what the booklet for
Hex(0B145F) contains.

Hex(0B145F)	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(0B145F)

Conversions

Conversions Part 1

Format	Color
Hex	0B145F
RGB	11, 20, 95
RGB Percent	4%, 8%, 37%
CMY	0.9569, 0.9216, 0.6275
CMYK	0.88, 0.79, 0.00, 0.63
HSL	234°, 79%, 21%
HSV	234°, 88%, 37%
XYZ	2.4537, 1.3977, 10.9669
YIQ	25.8590, -29.4390, 21.4170

Conversions

Conversions Part 2

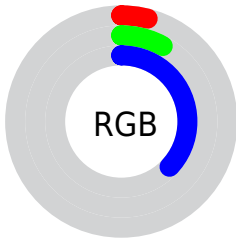
Format	Color
R_{YB}	11, 19, 95
Decimal	726111
CIE Lab	11.94, 27.33, -44.88
CIE LCh	12, 52.547, 301.344
Yxy	1.3977, 0.1656, 0.0943
Android (android.graphics.Color)	4278916191 (0xFF0B145F)
YUV	25.8590, 34.0865, -13.0313
Hunter-Lab	11.8224, 16.3585, -46.7243

Details

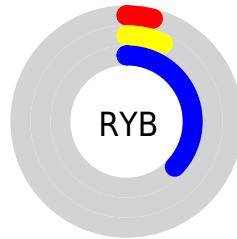
The Hex color **0B145F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5F560B**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **493F92**, and **00042F** is the 20% darker color. If you saturate the color by 10%, you get **020C5F**, and if you desaturate by 10%, it is **151C5F**.

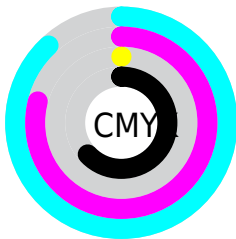
Distribution



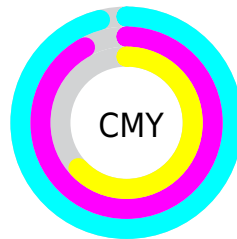
- Red (4%)
- Green (8%)
- Blue (37%)



- Red (4%)
- Yellow (7%)
- Blue (37%)



- Cyan (88%)
- Magenta (79%)
- Yellow (0%)
- Black (63%)



- Cyan (96%)
- Magenta (92%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B145F 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 0B145F by changing the saturation by 10% instead.

0B145F

0B145F

FFF6FF

000047

493F92

00042F

6457AD

00011A

7F6FC9

000000

9A89E5

B6A3FF

D3BEFF

F0DAFF

0B145F

0B145F

■ 020C5F

■ 151C5F

■ 000A5F

■ 1E255F

■ 282D5F

■ 31365F

■ 3B3E5F

■ 44475F

■ 4E4F5F

■ 57585F

■ 61605F

Harmonies

Analogous

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



00256A



0B145F



480043

Triad

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



0B145F



420B00



002E20

Complementary

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



0B145F



5F560B

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.



002C00



0B145F



271F00

Square

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



0B145F



550000



002700



002E45

Rectangle

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



0B145F



56002C



002700



002D13

Sweetspot

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



0B145F



595D7A



0B5F55



2A2C3D



BDBDBD



3D3D3D

Same Dimension

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



0B145F



000D7A



2B0B5F



2C2C30



000C70



001AF0

Inverse Universe

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



5F0B14



7A000D



3F5F0B



302C2C



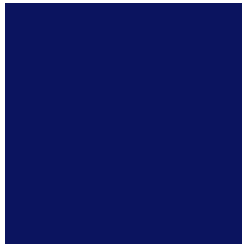
70000C



F0001A

Previews

White Background



This preview shows how the Hex color 0B145F looks on a white background.

Color Contrast Check

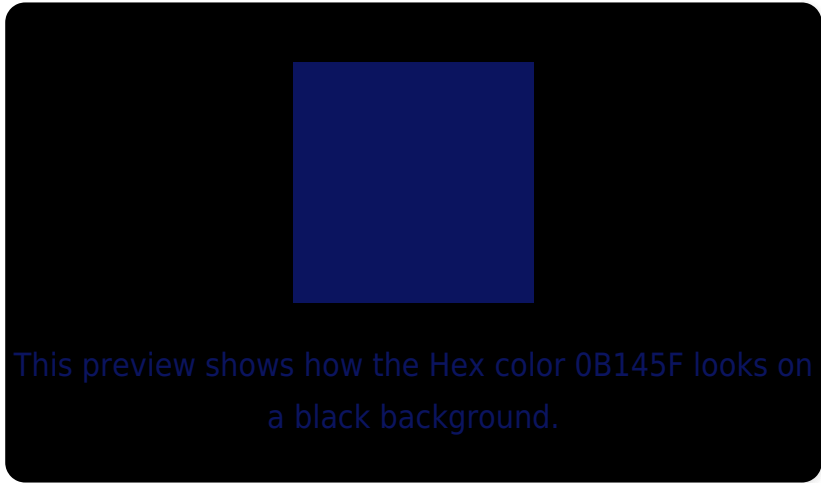
Large Text (above 18pt) WCAG AA ✓ Pass

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

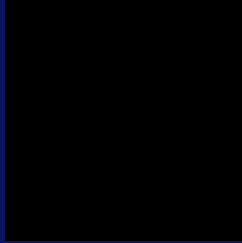
Any Text WCAG AA × Fail

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 0B145F Background



This preview shows how black text looks on a background with the Hex color 0B145F.



This preview shows how white text looks on a background with the Hex color 0B145F.

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
0B145F

Protanopia
002043

Deuteranopia
002239

Trichromacy



Original Color
0B145F

Protanomaly
041C4D

Deuteranomaly
041D47

Tritanomaly
041F3B

Monochromacy



Original Color
0B145F

Achromatopsia
1A1A1A

Achromatomaly
151833

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B145F 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 #0B145F looks like.

```
.text, #text, p{  
  color:#0B145F  
}
```

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 #0B145F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B145F
}
```

Border

The CSS property to change the border of an element to Hex 0B145F 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".

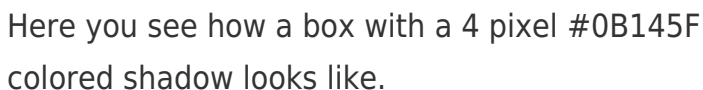
```
.border, #border, table{ border:4px solid
#0B145F }
```

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

```
.border{ border-color:#0B145F }
```

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

Here you see how a box with a 4 pixel #0B145F 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 on the top and left sides, and a thick dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B145F; -webkit-box-shadow:4px 4px  
4px 4px #0B145F; box-shadow:4px 4px 4px  
4px #0B145F }
```

Background

The CSS property to change the background color of an element to Hex 0B145F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B145F }
```

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

```
.background{ background-color:#0B145F }
```

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