

# Converting Colors

Hex(0A0B5E)

Have a look what the booklet for  
Hex(0A0B5E) contains.

<b>Hex(0A0B5E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0A0B5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A0B5E
RGB	10, 11, 94
RGB Percent	4%, 4%, 37%
CMY	0.9608, 0.9569, 0.6314
CMYK	0.89, 0.88, 0.00, 0.63
HSL	239°, 81%, 20%
HSV	239°, 89%, 37%
XYZ	2.2652, 1.1120, 10.6849
YIQ	20.1630, -27.2390, 25.6010

# Conversions

## Conversions Part 2

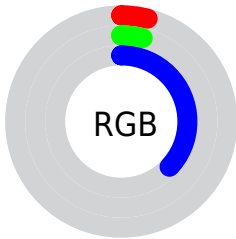
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 11, 94
Decimal	658270
CIE Lab	9.89, 32.29, -47.61
CIE LCh	10, 57.524, 304.143
Yxy	1.1120, 0.1611, 0.0791
Android (android.graphics.Color)	4278848350 (0xFF0A0B5E)
YUV	20.1630, 36.4016, -8.9130
Hunter-Lab	10.5453, 19.8893, -52.6935

# Details

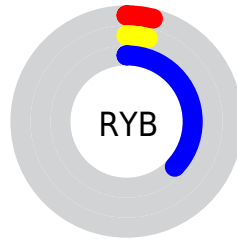
The Hex color **0A0B5E** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5E5D0A**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **493792**, and **00042E** is the 20% darker color. If you saturate the color by 10%, you get **01025E**, and if you desaturate by 10%, it is **13145E**.

# Distribution



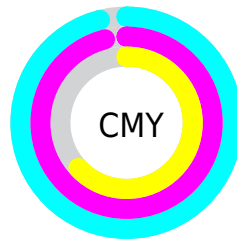
- Red (4%)
- Green (4%)
- Blue (37%)



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



- Cyan (89%)
- Magenta (88%)
- Yellow (0%)
- Black (63%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A0B5E 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 0A0B5E by changing the saturation by 10% instead.



0A0B5E

0A0B5E

FFEDFF

000046

493792

00042E

644EAC

000119

7F67C8

000000

9B80E5

B79AFF

D4B5FF

F1D1FF

0A0B5E

0A0B5E

■ 01025E

■ 13145E

■ 00015E

■ 1D1E5E

■ 26275E

■ 30305E

■ 39395E

■ 42435E

■ 4C4C5E

■ 55555E

■ 5F5F5E

# Harmonies

## Analogous

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



00216C



0A0B5E



49003E

# Triad

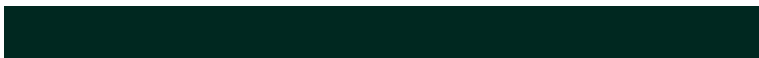
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0A0B5E



3C0700



002820

# Complementary

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



0A0B5E



5E5D0A

# 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.



002800



0A0B5E



1F1C00

# Square

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



0A0B5E



510000



002500



002A47

# Rectangle

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



0A0B5E



560025



002500



002812



# Sweetspot

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



0A0B5E



595A7A



0A5E5D



2A2A3D



BDBDBD



3D3D3D



# Same Dimension

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



0A0B5E



00017A



330A5E



29292E



00016E



0003ED



# Inverse Universe

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



5E0A0B



7A0001



355E0A



2E2929



6E0001

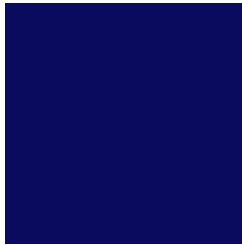


ED0003



# Previews

## White Background



This preview shows how the Hex color 0A0B5E looks on a white background.

## Color Contrast Check

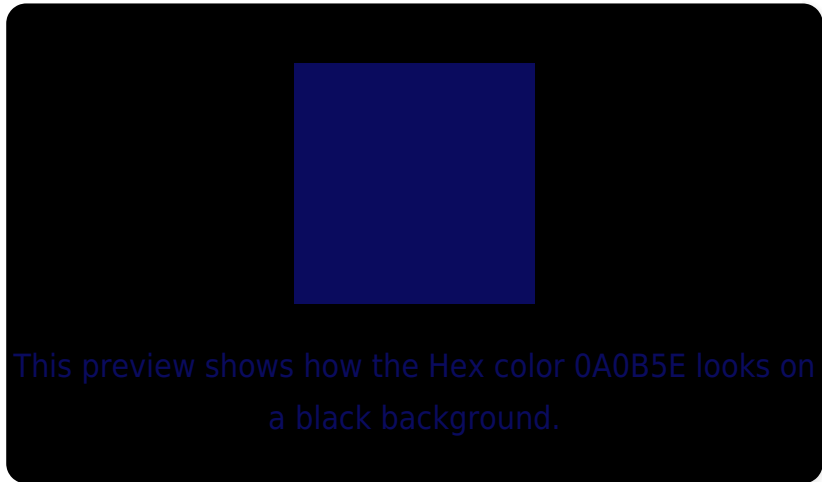
Large Text (above 18pt) WCAG AA ✓ Pass

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

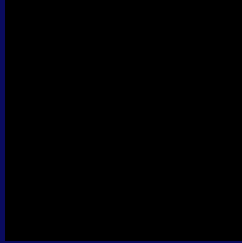
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0A0B5E Background



This preview shows how black text looks on a background with the Hex color 0A0B5E.



This preview shows how white text looks on a background with the Hex color 0A0B5E.

# 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**

0A0B5E

**Protanopia**

001D3C

**Deuteranopia**

001F33



# Trichromacy



**Original Color**  
0A0B5E

**Protanomaly**  
041648

**Deuteranomaly**  
041843

**Tritanomaly**  
041938

# Monochromacy



**Original Color**  
0A0B5E

**Achromatopsia**  
141414

**Achromatomaly**  
10112F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A0B5E 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 #0A0B5E looks like.

```
.text, #text, p{  
    color:#0A0B5E  
}
```

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 #0A0B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A0B5E
}
```

## Border

The CSS property to change the border of an element to Hex 0A0B5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

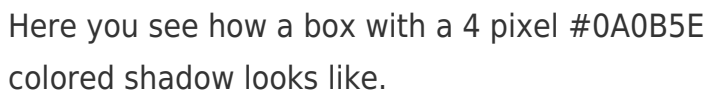
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A0B5E }
```

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

```
.border{ border-color:#0A0B5E }
```

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



Here you see how a box with a 4 pixel #0A0B5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A0B5E; -webkit-box-shadow:4px 4px  
4px 4px #0A0B5E; box-shadow:4px 4px 4px  
4px #0A0B5E }
```

# Background

The CSS property to change the background color of an element to Hex 0A0B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A0B5E }
```

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

```
.background{ background-color:#0A0B5E }
```

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