

# Converting Colors

Hex(0C055E)

Have a look what the booklet for  
Hex(0C055E) contains.

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# Color

**Hex(0C055E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C055E
RGB	12, 5, 94
RGB Percent	5%, 2%, 37%
CMY	0.9529, 0.9804, 0.6314
CMYK	0.87, 0.95, 0.00, 0.63
HSL	245°, 90%, 19%
HSV	245°, 95%, 37%
XYZ	2.2263, 0.9949, 10.6644
YIQ	17.2390, -24.3970, 29.1630

# Conversions

## Conversions Part 2

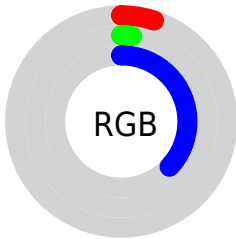
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 5, 94
Decimal	787806
CIE Lab	8.95, 35.52, -49.18
CIE LCh	9, 60.664, 305.843
Yxy	0.9949, 0.1603, 0.0716
Android (android.graphics.Color)	4278977886 (0xFF0C055E)
YUV	17.2390, 37.8432, -4.5946
Hunter-Lab	9.9742, 22.3866, -56.4103

# Details

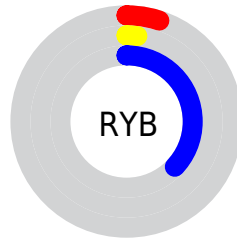
The Hex color **0C055E** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **575E05**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **4B3292**, and **00042E** is the 20% darker color. If you saturate the color by 10%, you get **07005E**, and if you desaturate by 10%, it is **150E5E**.

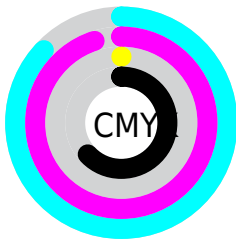
# Distribution



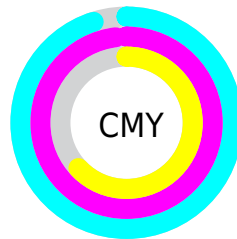
- Red (5%)
- Green (2%)
- Blue (37%)



- Red (5%)
- Yellow (2%)
- Blue (37%)



- Cyan (87%)
- Magenta (95%)
- Yellow (0%)
- Black (63%)



- Cyan (95%)
- Magenta (98%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C055E 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 0C055E by changing the saturation by 10% instead.



 0C055E

 0C055E

 FFE8FF


 000046

 4B3292

 00042E

 6649AD

 000119

 8162C8

 000000

 9D7BE5

 B995FF

 D6B0FF

 F3CCFF

 0C055E

 0C055E

■ 07005E

■ 150E5E

■ 1D185E

■ 26215E

■ 2F2B5E

■ 37345E

■ 403D5E

■ 49475E

■ 51505E

■ 5A5A5E

# Harmonies

## Analogous

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



001F6F



0C055E



4B003C

# Triad

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



0C055E



3A0500



002621

# Complementary

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



0C055E



575E05

# 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.



002500



0C055E



1A1B00

# Square

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



0C055E



500000



002400



00284A

# Rectangle

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



0C055E



570021



002400



002612



# Sweetspot

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



0C055E



5B587A



05585E



2A283D



BDBDBD



3D3D3D



# Same Dimension

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



0C055E



0A007A



37055E



2A292E



09006E



1300ED



# Inverse Universe

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



5E0557



7A0071



2C5E05



2E292E



6E0065

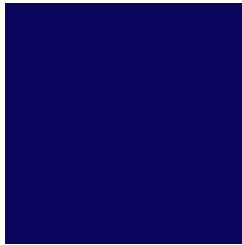


ED00DA



# Previews

## White Background



This preview shows how the Hex color 0C055E looks on a white background.

## Color Contrast Check

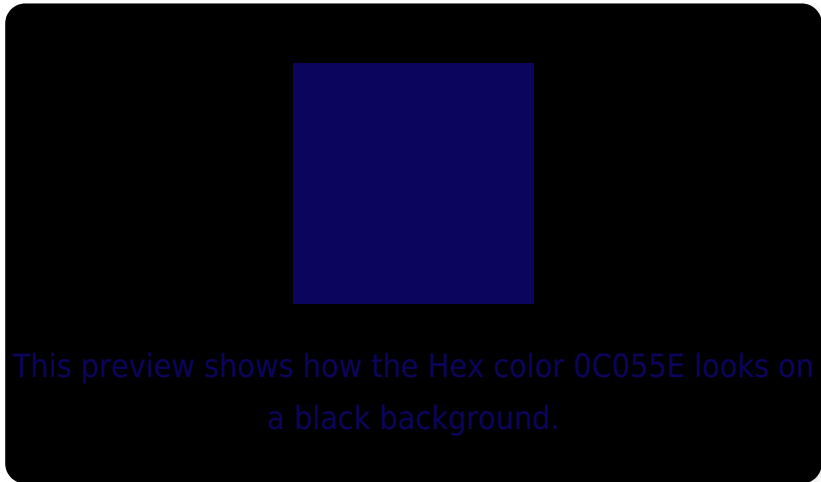
Large Text (above 18pt) WCAG AA ✓ Pass

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

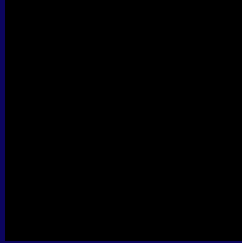
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C055E Background



This preview shows how black text looks on a background with the Hex color 0C055E.



This preview shows how white text looks on a background with the Hex color 0C055E.

# 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**  
0C055E

**Protanopia**  
001C3B

**Deuteranopia**  
001E32



# Trichromacy



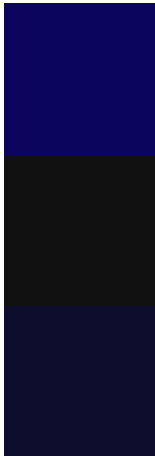
**Original Color**  
0C055E

**Protanomaly**  
041448

**Deuteranomaly**  
041542

**Tritanomaly**  
041638

# Monochromacy



**Original Color**  
0C055E

**Achromatopsia**  
111111

**Achromatomaly**  
0F0D2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C055E 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 #0C055E looks like.

```
.text, #text, p{  
    color:#0C055E  
}
```

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 #0C055E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C055E
}
```

## Border

The CSS property to change the border of an element to Hex 0C055E is called "border". The border property can be set on classes, ids or directly on the HTML element.

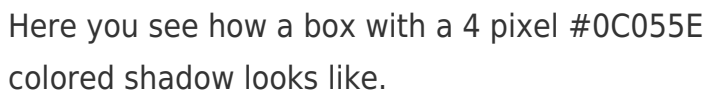
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C055E }
```

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

```
.border{ border-color:#0C055E }
```

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



Here you see how a box with a 4 pixel #0C055E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C055E; -webkit-box-shadow:4px 4px  
4px 4px #0C055E; box-shadow:4px 4px 4px  
4px #0C055E }
```

# Background

The CSS property to change the background color of an element to Hex 0C055E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C055E }
```

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

```
.background{ background-color:#0C055E }
```

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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