

Converting Colors

Hex(0E086F)

Have a look what the booklet for
Hex(0E086F) contains.

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Color

Hex(0E086F)

Conversions

Conversions Part 1

Format	Color
Hex	0E086F
RGB	14, 8, 111
RGB Percent	5%, 3%, 44%
CMY	0.9451, 0.9686, 0.5647
CMYK	0.87, 0.93, 0.00, 0.56
HSL	243°, 87%, 23%
HSV	243°, 93%, 44%
XYZ	3.1372, 1.4147, 15.1466
YIQ	21.5360, -29.4870, 33.3050

Conversions

Conversions Part 2

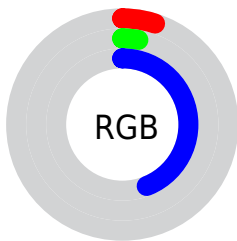
Format	Color
R_{YB}	14, 8, 111
Decimal	919663
CIE _{Lab}	12.06, 39.46, -55.26
CIE _{LCh}	12, 67.900, 305.530
Yxy	1.4147, 0.1593, 0.0718
Android (android.graphics.Color)	4279109743 (0xFF0E086F)
YUV	21.5360, 44.1058, -6.6091
Hunter-Lab	11.8942, 26.2657, -67.1766




Details

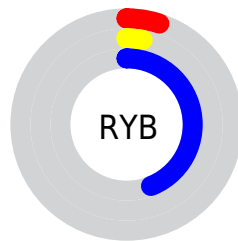
The Hex color **0E086F** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **696F08**, and the grayscale version is **151515**.




A 20% lighter version of the original color is **5137A4**, and **00023E** is the 20% darker color. If you saturate the color by 10%, you get **06006F**, and if you desaturate by 10%, it is **18136F**.

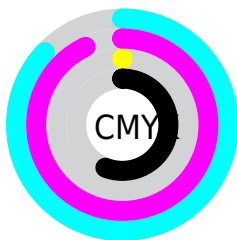
Distribution







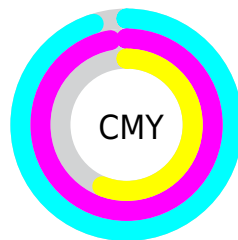
-  Red (5%)
-  Green (3%)
-  Blue (44%)






-  Red (5%)
-  Yellow (3%)
-  Blue (44%)



-  Cyan (87%)
-  Magenta (93%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (95%)
-  Magenta (97%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E086F 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 0E086F by changing the saturation by 10% instead.

 0E086F

 0E086F


 FFEFFF

 000056

 5137A4

 00023E

 6D4FC0

 000327

 8967DC

 000110

 A581F9

 000000

 C29BFF

 DFB6FF

 FDD2FF

 0E086F

 0E086F

■ 06006F

■ 18136F

■ 231E6F

■ 2D296F

■ 38346F

■ 423F6F

■ 4D4B6F

■ 57566F

■ 62616F

■ 6C6C6F

Harmonies

Analogous

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



002782



0E086F



580048

Triad

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



0E086F



450700



002E28

Complementary

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



0E086F



696F08

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.



002D00



0E086F



212100

Square

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



0E086F



5E0000



002A00



003157

Rectangle

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



0E086F



660029



002A00



002E17

Sweetspot

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



0E086F



6B6991



086A6F



32314A



C9C9C9



4A4A4A

Same Dimension

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



0E086F



080091



41086F



333238



070078



0E00F7

Inverse Universe

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



6F0869



910089



366F08



383238



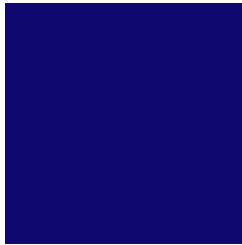
780071



F700E9

Previews

White Background



This preview shows how the Hex color 0E086F looks on a white background.

Color Contrast Check

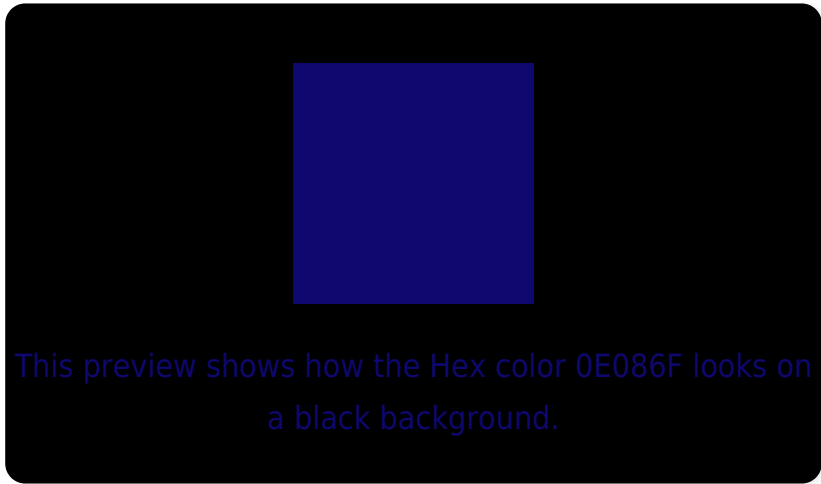
Large Text (above 18pt) WCAG AA ✓ Pass

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

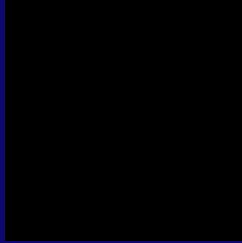
Any Text WCAG AA × Fail

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 0E086F Background



This preview shows how black text looks on a background with the Hex color 0E086F.



This preview shows how white text looks on a background with the Hex color 0E086F.

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
0E086F

Protanopia
002146

Deuteranopia
00243B

Trichromacy



Original Color
0E086F

Protanomaly
051855

Deuteranomaly
051A4E

Tritanomaly
051B42

Monochromacy



Original Color
0E086F

Achromatopsia
161616

Achromatomaly
131136

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E086F 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 #0E086F looks like.

```
.text, #text, p{  
    color:#0E086F  
}
```

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 #0E086F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E086F
}
```

Border

The CSS property to change the border of an element to Hex 0E086F is called "border". The border property can be set on classes, ids or directly on the HTML element.

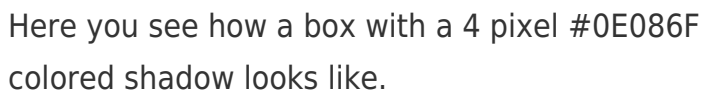
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0E086F }
```

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

```
.border{ border-color:#0E086F }
```

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



Here you see how a box with a 4 pixel #0E086F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E086F; -webkit-box-shadow:4px 4px  
4px 4px #0E086F; box-shadow:4px 4px 4px  
4px #0E086F }
```

Background

The CSS property to change the background color of an element to Hex 0E086F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E086F }
```

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

```
.background{ background-color:#0E086F }
```

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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