

# Converting Colors

Hex(0F136B)

Have a look what the booklet for  
Hex(0F136B) contains.

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# Color

**Hex(0F136B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F136B
RGB	15, 19, 107
RGB Percent	6%, 7%, 42%
CMY	0.9412, 0.9255, 0.5804
CMYK	0.86, 0.82, 0.00, 0.58
HSL	237°, 75%, 24%
HSV	237°, 86%, 42%
XYZ	3.0837, 1.6288, 14.0618
YIQ	27.8360, -30.6320, 26.5200

# Conversions

## Conversions Part 2

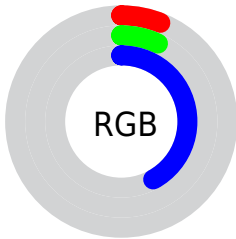
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 19, 107
Decimal	988011
CIE <sub>Lab</sub>	13.40, 32.73, -50.40
CIE <sub>LCh</sub>	13, 60.090, 302.999
Yxy	1.6288, 0.1643, 0.0868
Android (android.graphics.Color)	4279178091 (0xFF0F136B)
YUV	27.8360, 39.0279, -11.2572
Hunter-Lab	12.7626, 20.7949, -56.3917

# Details

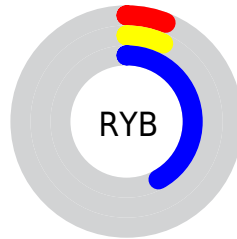
The Hex color **0F136B** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6B670F**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **4F3F9F**, and **00023A** is the 20% darker color. If you saturate the color by 10%, you get **04096B**, and if you desaturate by 10%, it is **1A1D6B**.

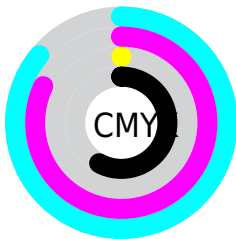
# Distribution



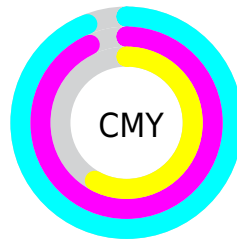
- Red (6%)
- Green (7%)
- Blue (42%)



- Red (6%)
- Yellow (7%)
- Blue (42%)



- Cyan (86%)
- Magenta (82%)
- Yellow (0%)
- Black (58%)



- Cyan (94%)
- Magenta (93%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F136B 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 0F136B by changing the saturation by 10% instead.



■ 0F136B

■ 0F136B

■ FFF7FF

■ 000052

■ 4F3F9F

■ 00023A

■ 6A57BB

■ 000224

■ 866FD7

■ 00000B

■ A289F4

■ 000000

■ BEA3FF

■ DBBFFF

■ F9DBFF

■ 0F136B

■ 0F136B

■ 04096B

■ 1A1D6B

■ 00056B

■ 24276B

■ 2F326B

■ 3A3C6B

■ 45466B

■ 4F506B

■ 5A5B6B

■ 65656B

■ 6F6F6B

# Harmonies

## Analogous

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



002979



0F136B



530049

# Triad

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



0F136B



480C00



003226

# Complementary

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



0F136B



6B670F

# 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.



003000



0F136B



282300

# Square

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



0F136B



5E0000



002B00



003250

# Rectangle

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



0F136B



62002E



002B00



003117



# Sweetspot

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



0F136B



68698C



0F6B66



313247



C7C7C7



474747



# Same Dimension

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



0F136B



00068C



380F6B



303036



000575



000BF5



# Inverse Universe

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



6B0F13



8C0006



426B0F



363030



750005

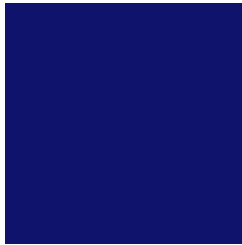


F5000B



# Previews

## White Background



This preview shows how the Hex color 0F136B looks on a white background.

## Color Contrast Check

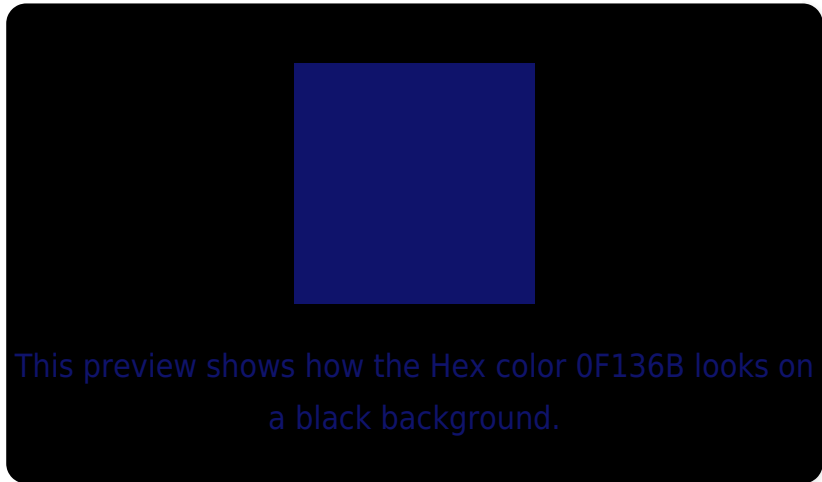
Large Text (above 18pt) WCAG AA ✓ Pass

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

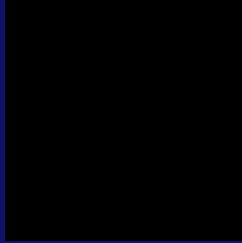
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F136B Background



This preview shows how black text looks on a background with the Hex color 0F136B.



This preview shows how white text looks on a background with the Hex color 0F136B.

# 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**  
0F136B

**Protanopia**  
002349

**Deuteranopia**  
00253E



**Tritanopia**  
00282A

# Trichromacy



**Original Color**  
0F136B

**Protanomaly**  
051D55

**Deuteranomaly**  
051E4E

**Tritanomaly**  
052042

# Monochromacy



**Original Color**  
0F136B

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
171939

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F136B 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 #0F136B looks like.

```
.text, #text, p{  
    color:#0F136B  
}
```

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 #0F136B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F136B
}
```

## Border

The CSS property to change the border of an element to Hex 0F136B 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".

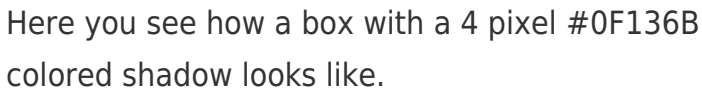
```
.border, #border, table{ border:4px solid
#0F136B }
```

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

```
.border{ border-color:#0F136B }
```

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

Here you see how a box with a 4 pixel #0F136B 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. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F136B; -webkit-box-shadow:4px 4px  
4px 4px #0F136B; box-shadow:4px 4px 4px  
4px #0F136B }
```

# Background

The CSS property to change the background color of an element to Hex 0F136B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F136B }
```

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

```
.background{ background-color:#0F136B }
```

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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