

# Converting Colors

Hex(00136C)

Have a look what the booklet for  
Hex(00136C) contains.

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# Color

**Hex(00136C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00136C
RGB	0, 19, 108
RGB Percent	0%, 7%, 42%
CMY	1.0000, 0.9255, 0.5765
CMYK	1.00, 0.82, 0.00, 0.58
HSL	229°, 100%, 21%
HSV	229°, 100%, 42%
XYZ	2.9396, 1.5485, 14.3313
YIQ	23.4650, -39.8930, 23.6510

# Conversions

## Conversions Part 2

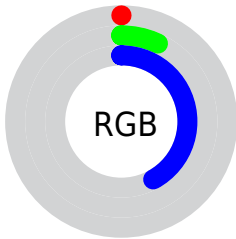
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 16, 108
Decimal	4972
CIELab	12.91, 32.32, -51.89
CIELCh	13, 61.130, 301.922
Yxy	1.5485, 0.1562, 0.0823
Android (android.graphics.Color)	4278195052 (0xFF00136C)
YUV	23.4650, 41.6758, -20.5788
Hunter-Lab	12.4437, 20.3917, -59.5732

# Details

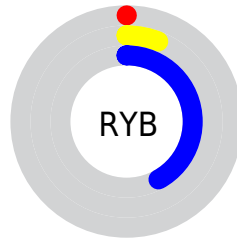
The Hex color **00136C** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6C5900**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **493FA1**, and **00043B** is the 20% darker color. If you saturate the color by 10%, you get **00136C**, and if you desaturate by 10%, it is **0B1C6C**.

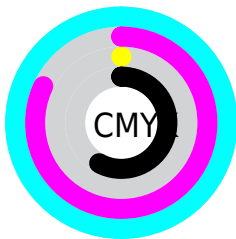
# Distribution



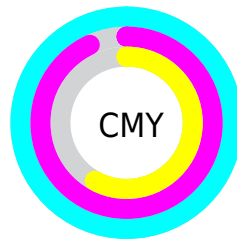
- Red (0%)
- Green (7%)
- Blue (42%)



- Red (0%)
- Yellow (6%)
- Blue (42%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (93%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00136C 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 00136C by changing the saturation by 10% instead.



■ 00136C

■ 00136C

■ FFF6FF

■ 000053

■ 493FA1

■ 00043B

■ 6556BC

■ 000224

■ 816FD8

■ 00000C

■ 9D88F5

■ 000000

■ BAA3FF

■ D7BEFF

■ F4DAFF

■ 00136C

■ 0B1C6C

■ 16256C

■ 202E6C

■ 2B376C

■ 36406C

■ 41486C

■ 4C516C

■ 565A6C

■ 61636C

# Harmonies

## Analogous

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



00297A



00136C



52004A

# Triad

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



00136C



480800



003023

# Complementary

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



00136C



6C5900

# 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.



002F00



00136C



282100

# Square

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



00136C



5E0000



002A00



00314E

# Rectangle

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



00136C



61002F



002A00



003014



# Sweetspot

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



00136C



626A8C



006C58



2E3247



C7C7C7



474747



# Same Dimension

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



00136C



00198C



22006C



303136



001575



002BF5



# Inverse Universe

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



6C0013



8C0019



4A6C00



363031



750015

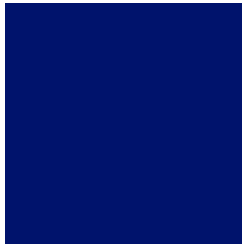


F5002B



# Previews

## White Background



This preview shows how the Hex color 00136C looks on a white background.

## Color Contrast Check

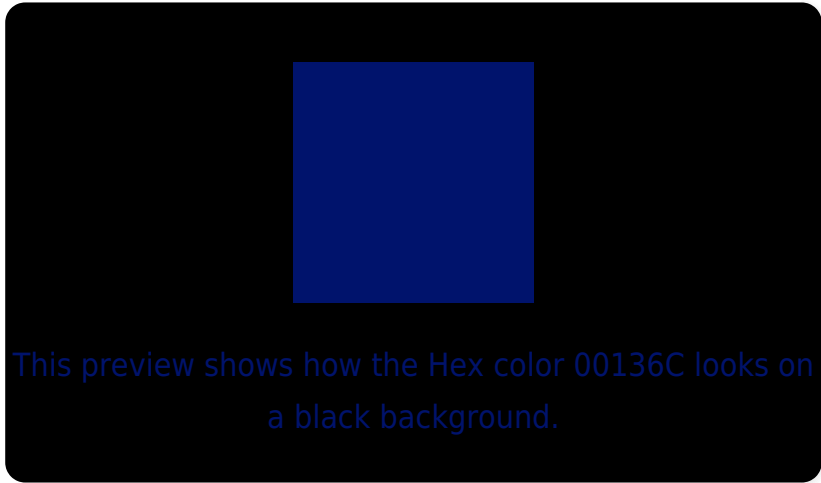
Large Text (above 18pt) WCAG AA ✓ Pass

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

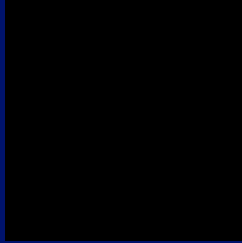
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00136C Background



This preview shows how black text looks on a background with the Hex color 00136C.



This preview shows how white text looks on a background with the Hex color 00136C.

# 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**  
00136C

**Protanopia**  
002248

**Deuteranopia**  
00253D



**Tritanopia**  
00282A

# Trichromacy



**Original Color**  
00136C

**Protanomaly**  
001D55

**Deuteranomaly**  
001E4E

**Tritanomaly**  
002042

# Monochromacy



**Original Color**  
00136C

**Achromatopsia**  
171717

**Achromatomaly**  
0F1636

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00136C 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 #00136C looks like.

```
.text, #text, p{  
    color:#00136C  
}
```

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 #00136C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00136C
}
```

## Border

The CSS property to change the border of an element to Hex 00136C 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
#00136C }
```

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

```
.border{ border-color:#00136C }
```

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

Here you see how a box with a 4 pixel #00136C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00136C; -webkit-box-shadow:4px 4px  
4px 4px #00136C; box-shadow:4px 4px 4px  
4px #00136C }
```

# Background

The CSS property to change the background color of an element to Hex 00136C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00136C }
```

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

```
.background{ background-color:#00136C }
```

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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