

# Converting Colors

Hex(073170)

Have a look what the booklet for  
Hex(073170) contains.

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# Color

Hex(073170)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	073170
RGB	7, 49, 112
RGB Percent	3%, 19%, 44%
CMY	0.9725, 0.8078, 0.5608
CMYK	0.94, 0.56, 0.00, 0.56
HSL	216°, 88%, 23%
HSV	216°, 94%, 44%
XYZ	4.1106, 3.4116, 15.7711
YIQ	43.6240, -45.2550, 10.6890

# Conversions

## Conversions Part 2

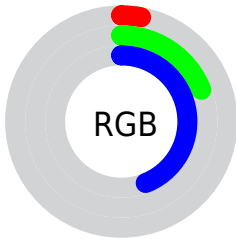
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 37, 112
Decimal	471408
CIELab	21.62, 13.34, -40.17
CIElCh	22, 42.325, 288.372
Yxy	3.4116, 0.1765, 0.1465
Android (android.graphics.Color)	4278661488 (0xFF073170)
YUV	43.6240, 33.7094, -32.1192
Hunter-Lab	18.4706, 7.4008, -37.6951

# Details

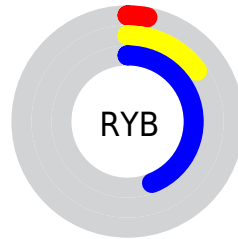
The Hex color **073170** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **704607**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **4A5FA4**, and **00023F** is the 20% darker color. If you saturate the color by 10%, you get **002D70**, and if you desaturate by 10%, it is **123870**.

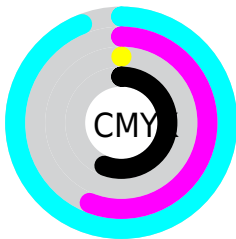
# Distribution



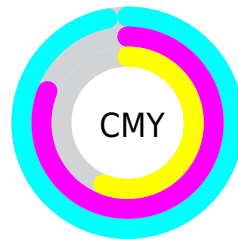
- Red (3%)
- Green (19%)
- Blue (44%)



- Red (3%)
- Yellow (15%)
- Blue (44%)



- Cyan (94%)
- Magenta (56%)
- Yellow (0%)
- Black (56%)



- Cyan (97%)
- Magenta (81%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 073170 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 073170 by changing the saturation by 10% instead.



073170

073170

FFFFFF

001D57

4A5FA4

00023F

6677C0

000329

8191DC

000112

9DABF9

000000

B9C6FF

D6E2FF

F3FFFF

073170

073170

■ 002D70

■ 123870

■ 1D3E70

■ 294570

■ 344C70

■ 3F5370

■ 4A5970

■ 556070

■ 616770

■ 6C6D70

# Harmonies

## Analogous

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



003B72



073170



4C215E

# Triad

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



073170



5F1F00



004026

# Complementary

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



073170



704607

# 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.



003E02



073170



4B2E00

# Square

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



073170



690C22



2F3800



004147

# Rectangle

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



073170



5F134C



2F3800



00401B



# Sweetspot

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



073170



697991



077046



313B4A



C9C9C9



4A4A4A



# Same Dimension

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



073170



003A91



110770



323538



003078



0063F7



# Inverse Universe

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



700731



91003A



667007



383235



780030



F70063



# Previews

## White Background



This preview shows how the Hex color 073170 looks on a white background.

## Color Contrast Check

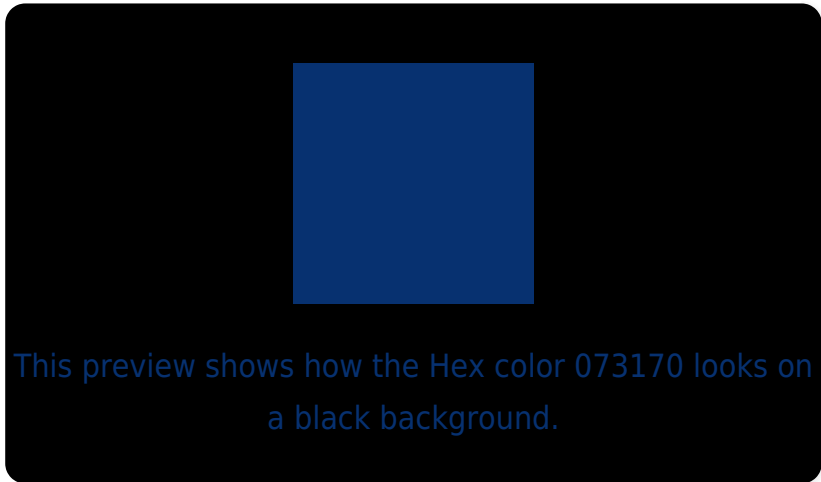
Large Text (above 18pt) WCAG AA ✓ Pass

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 073170 Background



This preview shows how black text looks on a background with the Hex color 073170.



This preview shows how white text looks on a background with the Hex color 073170.

# 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**

073170

**Protanopia**

00326B

**Deuteranopia**

00365C



# Trichromacy



**Original Color**

073170

**Protanomaly**

03326D

**Deuteranomaly**

033463

**Tritanomaly**

033750

# Monochromacy



**Original Color**

073170

**Achromatopsia**

2C2C2C

**Achromatomaly**

1F2E45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 073170 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 #073170 looks like.

```
.text, #text, p{  
    color:#073170  
}
```

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 #073170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #073170
}
```

## Border

The CSS property to change the border of an element to Hex 073170 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
#073170 }
```

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

```
.border{ border-color:#073170 }
```

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

Here you see how a box with a 4 pixel #073170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #073170; -webkit-box-shadow:4px 4px  
4px 4px #073170; box-shadow:4px 4px 4px  
4px #073170 }
```

# Background

The CSS property to change the background color of an element to Hex 073170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#073170 }
```

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

```
.background{ background-color:#073170 }
```

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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