

Converting Colors

Hex(12073A)

Have a look what the booklet for
Hex(12073A) contains.

Hex(12073A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(12073A)

Conversions

Conversions Part 1

Format	Color
Hex	12073A
RGB	18, 7, 58
RGB Percent	7%, 3%, 23%
CMY	0.9294, 0.9725, 0.7725
CMYK	0.69, 0.88, 0.00, 0.77
HSL	253°, 78%, 13%
HSV	253°, 88%, 23%
XYZ	1.0892, 0.5860, 4.0587
YIQ	16.1030, -9.8150, 18.1930

Conversions

Conversions Part 2

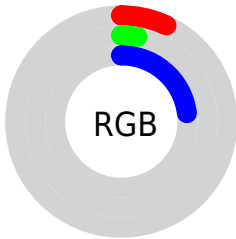
Format	Color
RYB	18, 7, 58
Decimal	1181498
CIELab	5.29, 20.94, -30.10
CIELCh	5, 36.665, 304.831
Yxy	0.5860, 0.1899, 0.1022
Android (android.graphics.Color)	4279371578 (0xFF12073A)
YUV	16.1030, 20.6552, 1.6637
Hunter-Lab	7.6554, 11.9989, -26.0755

Details

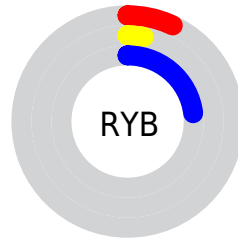
The Hex color **12073A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2F3A07**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **42326A**, and **00000B** is the 20% darker color. If you saturate the color by 10%, you get **0D013A**, and if you desaturate by 10%, it is **170D3A**.

Distribution



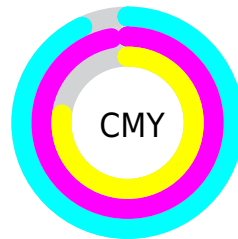
- Red (7%)
- Green (3%)
- Blue (23%)



- Red (7%)
- Yellow (3%)
- Blue (23%)



- Cyan (69%)
- Magenta (88%)
- Yellow (0%)
- Black (77%)



- Cyan (93%)
- Magenta (97%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12073A 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 12073A by changing the saturation by 10% instead.

 12073A

 12073A

 FEE6FF

 000224

 42326A

 00000B

 5B4983

 000000

 74619E

 8E7AB9

 A994D4

 C5AFF1

 E1CAFF

 12073A

 12073A

■ 0D013A

■ 170D3A

■ 0D003A

■ 1B133A

■ 20183A

■ 241E3A

■ 29243A

■ 2D2A3A

■ 32303A

■ 36353A

■ 3B3B3A

Harmonies

Analogous

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



001443



12073A



300027

Triad

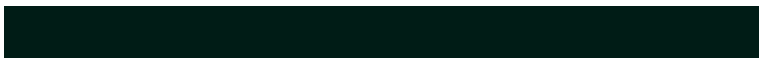
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12073A



280600



001C16

Complementary

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



12073A



2F3A07

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.



001B00



12073A



131300

Square

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



12073A



350000



001A00



001D2D

Rectangle

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



12073A



370018



001A00



001B0A

Sweetspot

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



12073A



3D394D



07303A



1D1A26



A6A6A6



262626

Same Dimension

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



12073A



10004D



2B073A



1A191C



14005C



2F00DB

Inverse Universe

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



3A072F



4D003C



163A07



1C191B



5C0048



DB00AC

Previews

White Background



This preview shows how the Hex color 12073A looks on a white background.

Color Contrast Check

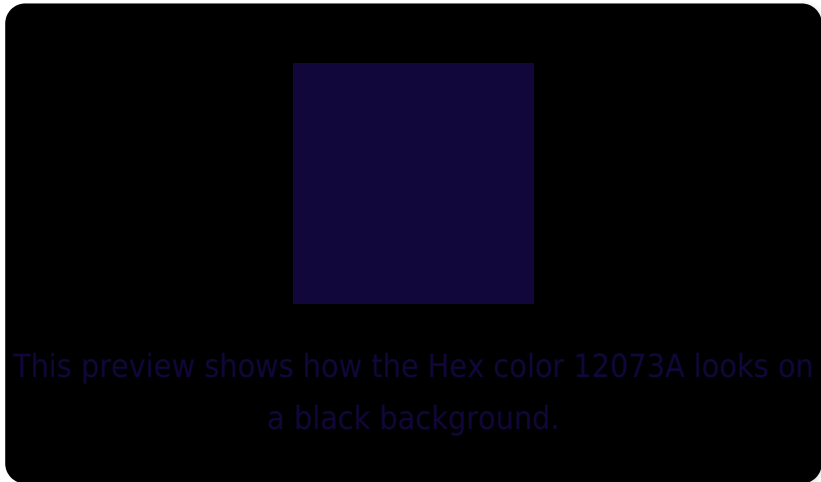
Large Text (above 18pt) WCAG AA ✓ Pass

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

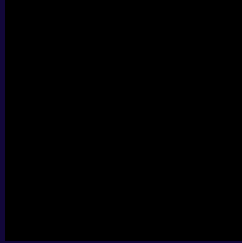
Any Text WCAG AA × Fail

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 12073A Background



This preview shows how black text looks on a background with the Hex color 12073A.



This preview shows how white text looks on a background with the Hex color 12073A.

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
12073A

Protanopia
001328

Deuteranopia
001522



Tritanopia
001618

Trichromacy



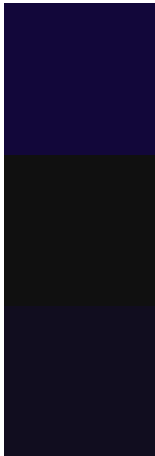
Original Color
12073A

Protanomaly
070F2F

Deuteranomaly
07102B

Tritanomaly
071124

Monochromacy



Original Color
12073A

Achromatopsia
101010

Achromatomaly
110D1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 12073A 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 #12073A looks like.

```
.text, #text, p{  
    color:#12073A  
}
```

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 #12073A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12073A
}
```

Border

The CSS property to change the border of an element to Hex 12073A is called "border". The border property can be set on classes, ids or directly on the HTML element.

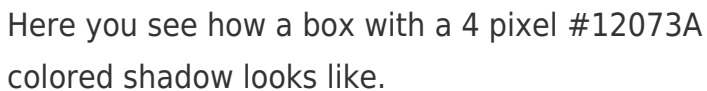
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#12073A }
```

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

```
.border{ border-color:#12073A }
```

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



Here you see how a box with a 4 pixel #12073A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12073A; -webkit-box-shadow:4px 4px  
4px 4px #12073A; box-shadow:4px 4px 4px  
4px #12073A }
```

Background

The CSS property to change the background color of an element to Hex 12073A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12073A }
```

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

```
.background{ background-color:#12073A }
```

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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