

Converting Colors

Hex(050A73)

Have a look what the booklet for
Hex(050A73) contains.

Hex(050A73)	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(050A73)

Conversions

Conversions Part 1

Format	Color
Hex	050A73
RGB	5, 10, 115
RGB Percent	2%, 4%, 45%
CMY	0.9804, 0.9608, 0.5490
CMYK	0.96, 0.91, 0.00, 0.55
HSL	237°, 92%, 24%
HSV	237°, 96%, 45%
XYZ	3.2656, 1.4872, 16.3346
YIQ	20.4750, -36.6850, 31.5950

Conversions

Conversions Part 2

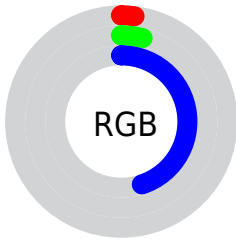
Format	Color
RYB	5, 10, 115
Decimal	330355
CIELab	12.53, 39.59, -57.09
CIELCh	13, 69.472, 304.741
Yxy	1.4872, 0.1549, 0.0705
Android (android.graphics.Color)	4278520435 (0xFF050A73)
YUV	20.4750, 46.6008, -13.5716
Hunter-Lab	12.1949, 26.4591, -70.8803

Details

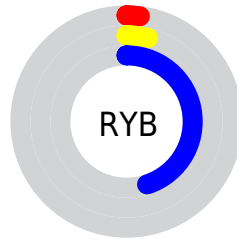
The Hex color **050A73** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **736E05**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **4F38A8**, and **000141** is the 20% darker color. If you saturate the color by 10%, you get **000573**, and if you desaturate by 10%, it is **101573**.

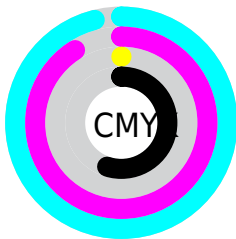
Distribution



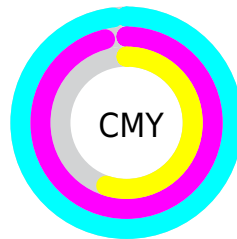
- Red (2%)
- Green (4%)
- Blue (45%)



- Red (2%)
- Yellow (4%)
- Blue (45%)



- Cyan (96%)
- Magenta (91%)
- Yellow (0%)
- Black (55%)



- Cyan (98%)
- Magenta (96%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 050A73 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 050A73 by changing the saturation by 10% instead.


 050A73

 050A73

 FFF0FF

 00005A

 4F38A8

 000141

 6B50C4

 00032A

 8769E0

 000114

 A482FD

 000000

 C19DFF

 DEB8FF

 FCD4FF

 050A73

 050A73

■ 000573

■ 101573

■ 1C2073

■ 272B73

■ 333673

■ 3F4173

■ 4A4C73

■ 565773

■ 616273

■ 6D6D73

Harmonies

Analogous

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



002886



050A73



5A004B

Triad

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



050A73



480600



002F28

Complementary

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



050A73



736E05

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



050A73



232200

Square

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



050A73



620000



002B00



003258

Rectangle

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



050A73



69002B



002B00



002F16

Sweetspot

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



050A73



6B6D96



05736D



32334D



CCCCCC



4D4D4D

Same Dimension

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



050A73



000796



370573



35353B



00067A



000BFA

Inverse Universe

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



73050A



960007



427305



3B3535



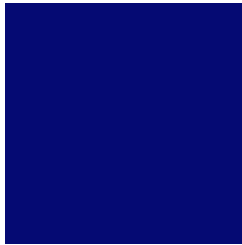
7A0006



FA000B

Previews

White Background



This preview shows how the Hex color 050A73 looks on a white background.

Color Contrast Check

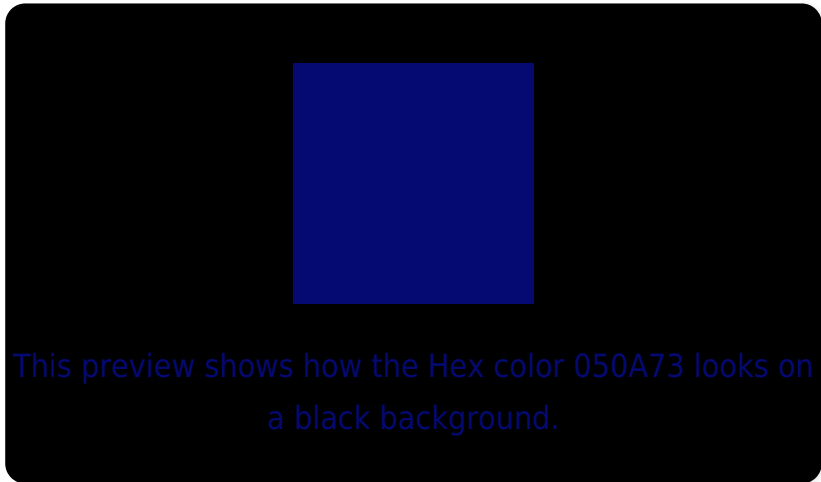
Large Text (above 18pt) WCAG AA ✓ Pass

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

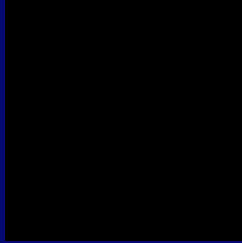
Any Text WCAG AA × Fail

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 050A73 Background



This preview shows how black text looks on a background with the Hex color 050A73.



This preview shows how white text looks on a background with the Hex color 050A73.

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
050A73

Protanopia
002248

Deuteranopia
00253D

Trichromacy



Original Color
050A73

Protanomaly
021958

Deuteranomaly
021B51

Tritanomaly
021D44

Monochromacy



Original Color
050A73

Achromatopsia
141414

Achromatomaly
0F1037

CSS Examples

Text

The CSS property to change the color of the text to Hex 050A73 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 #050A73 looks like.

```
.text, #text, p{  
    color:#050A73  
}
```

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 #050A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #050A73
}
```

Border

The CSS property to change the border of an element to Hex 050A73 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".

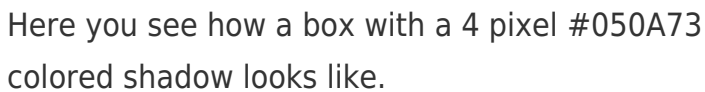
```
.border, #border, table{ border:4px solid
#050A73 }
```

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

```
.border{ border-color:#050A73 }
```

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

Here you see how a box with a 4 pixel #050A73 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 on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #050A73; -webkit-box-shadow:4px 4px  
4px 4px #050A73; box-shadow:4px 4px 4px  
4px #050A73 }
```

Background

The CSS property to change the background color of an element to Hex 050A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#050A73 }
```

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

```
.background{ background-color:#050A73 }
```

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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