

Converting Colors

Hex(051A61)

Have a look what the booklet for
Hex(051A61) contains.

Hex(051A61)	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(051A61)

Conversions

Conversions Part 1

Format	Color
Hex	051A61
RGB	5, 26, 97
RGB Percent	2%, 10%, 38%
CMY	0.9804, 0.8980, 0.6196
CMYK	0.95, 0.73, 0.00, 0.62
HSL	226°, 90%, 20%
HSV	226°, 95%, 38%
XYZ	2.5897, 1.6341, 11.4882
YIQ	27.8150, -35.3070, 17.6290

Conversions

Conversions Part 2

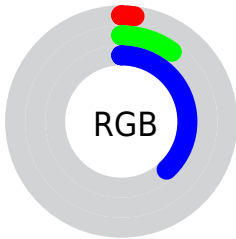
Format	Color
R_{YB}	5, 22, 97
Decimal	334433
CIE _{Lab}	13.44, 23.57, -43.75
CIE _{LCh}	13, 49.700, 298.314
Yxy	1.6341, 0.1648, 0.1040
Android (android.graphics.Color)	4278524513 (0xFF051A61)
YUV	27.8150, 34.1082, -20.0088
Hunter-Lab	12.7833, 13.7900, -44.3350

Details

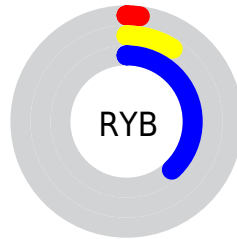
The Hex color **051A61** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **614C05**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **464595**, and **000431** is the 20% darker color. If you saturate the color by 10%, you get **001661**, and if you desaturate by 10%, it is **0F2161**.

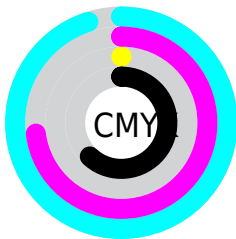
Distribution



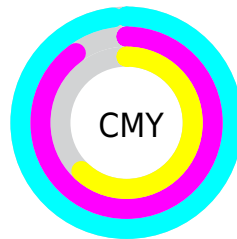
- Red (2%)
- Green (10%)
- Blue (38%)



- Red (2%)
- Yellow (9%)
- Blue (38%)



- Cyan (95%)
- Magenta (73%)
- Yellow (0%)
- Black (62%)



- Cyan (98%)
- Magenta (90%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 051A61 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 051A61 by changing the saturation by 10% instead.

051A61

051A61

FFFDFF

000249

464595

000431

615DB0

00011B

7C75CB

000000

988FE8

B4A9FF

D0C5FF

EDE1FF

051A61

051A61

■ 001661

■ 0F2161

■ 182961

■ 223061

■ 2C3861

■ 363F61

■ 3F4761

■ 494E61

■ 535661

■ 5C5D61

Harmonies

Analogous

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



00296A



051A61



470048

Triad

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



051A61



470E00



00301F

Complementary

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



051A61



614C05

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.



002E00



051A61



2E2100

Square

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



051A61



580000



072900



003043

Rectangle

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



051A61



560032



072900



002F13

Sweetspot

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



051A61



5A627D



05614C



2A2F40



BFBFBF



404040

Same Dimension

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



051A61



001D7D



1E0561



2C2D30



001A70



0037F0

Inverse Universe

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



61051A



7D001D



486105



302C2D



70001A



F00037

Previews

White Background



This preview shows how the Hex color 051A61 looks on a white background.

Color Contrast Check

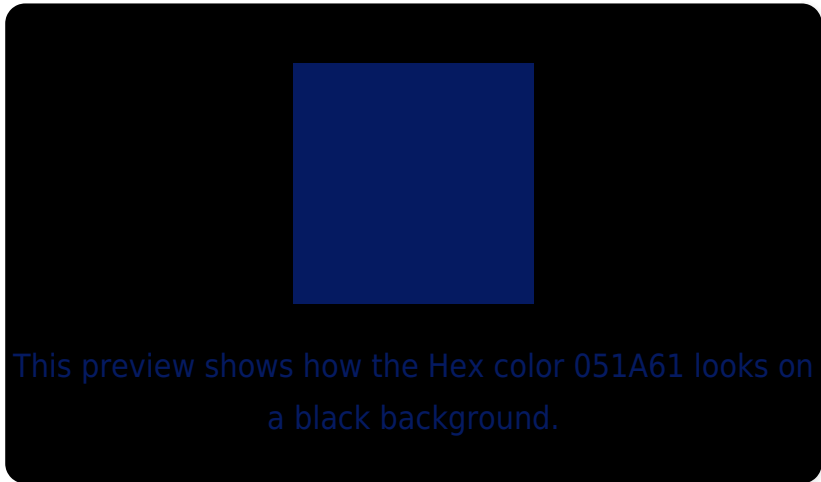
Large Text (above 18pt) WCAG AA ✓ Pass

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

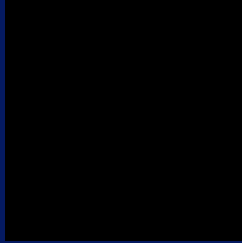
Any Text WCAG AA × Fail

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 051A61 Background



This preview shows how black text looks on a background with the Hex color 051A61.



This preview shows how white text looks on a background with the Hex color 051A61.

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
051A61

Protanopia
002349

Deuteranopia
00253E



Tritanopia
00282A

Trichromacy



Original Color
051A61

Protanomaly
022052

Deuteranomaly
02214B

Tritanomaly
02233E

Monochromacy



Original Color
051A61

Achromatopsia
1C1C1C

Achromatomaly
141B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 051A61 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 #051A61 looks like.

```
.text, #text, p{  
    color:#051A61  
}
```

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 #051A61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #051A61
}
```

Border

The CSS property to change the border of an element to Hex 051A61 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
#051A61 }
```

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

```
.border{ border-color:#051A61 }
```

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

Here you see how a box with a 4 pixel #051A61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #051A61; -webkit-box-shadow:4px 4px  
4px 4px #051A61; box-shadow:4px 4px 4px  
4px #051A61 }
```

Background

The CSS property to change the background color of an element to Hex 051A61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#051A61 }
```

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

```
.background{ background-color:#051A61 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor