

Converting Colors

Hex(040ABB)

Have a look what the booklet for
Hex(040ABB) contains.

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Color

Hex(040ABB)

Conversions

Conversions Part 1

Format	Color
Hex	040ABB
RGB	4, 10, 187
RGB Percent	2%, 4%, 73%
CMY	0.9843, 0.9608, 0.2667
CMYK	0.98, 0.95, 0.00, 0.27
HSL	238°, 96%, 37%
HSV	238°, 98%, 73%
XYZ	9.1283, 3.8308, 47.2720
YIQ	28.3840, -60.3930, 53.7750

Conversions

Conversions Part 2

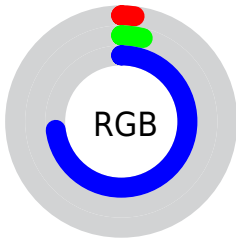
Format	Color
R_{YB}	4, 10, 187
Decimal	264891
CIE _{Lab}	23.10, 60.42, -84.02
CIE _{LCh}	23, 103.491, 305.722
Yxy	3.8308, 0.1516, 0.0636
Android (android.graphics.Color)	4278454971 (0xFF040ABB)
YUV	28.3840, 78.1977, -21.3848
Hunter-Lab	19.5723, 48.9984, -129.4996

Details

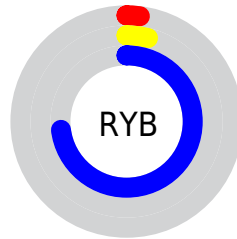
The Hex color **040ABB** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **BBB504**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6642F5**, and **000084** is the 20% darker color. If you saturate the color by 10%, you get **0006BB**, and if you desaturate by 10%, it is **171CBB**.

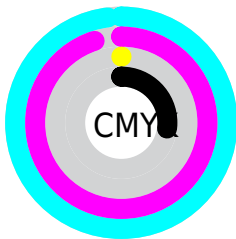
Distribution



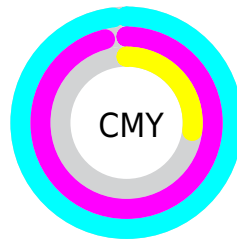
- Red (2%)
- Green (4%)
- Blue (73%)



- Red (2%)
- Yellow (4%)
- Blue (73%)



- Cyan (98%)
- Magenta (95%)
- Yellow (0%)
- Black (27%)



- Cyan (98%)
- Magenta (96%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 040ABB 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 040ABB by changing the saturation by 10% instead.

 040ABB

 040ABB

FFFFFF

 00009F

 6642F5

 000084

 865BFF

 00006A

 A675FF

 000A50

 C590FF

 000538

 E4ABFF

 000222

 FFC7FF

 000008

 FFE4FF

 000000

 040ABB

 040ABB

■ 0006BB

■ 171CBB

■ 292EBB

■ 3C40BB

■ 4F52BB

■ 6264BB

■ 7477BB

■ 8789BB

■ 9A9BBB

■ ACADBB

Harmonies

Analogous

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



0044DB



040ABB



950079

Triad

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



040ABB



730800



004D45

Complementary

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



040ABB



BBB504

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.



004B00



040ABB



373A00

Square

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



040ABB



9D0000



004700



005093

Rectangle

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



040ABB



AB0046



004700



004C2A

Sweetspot

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



040ABB



ACAEF2



04BBB5



50517A



FAFAFA



7A7A7A

Same Dimension

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



040ABB



0008F2



5904BB



55555E



00059E



00011F

Inverse Universe

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



BB040A



F20008



66BB04



5E5555



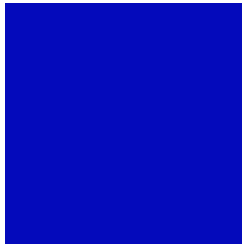
9E0005



1F0001

Previews

White Background



This preview shows how the Hex color 040ABB looks on a white background.

Color Contrast Check

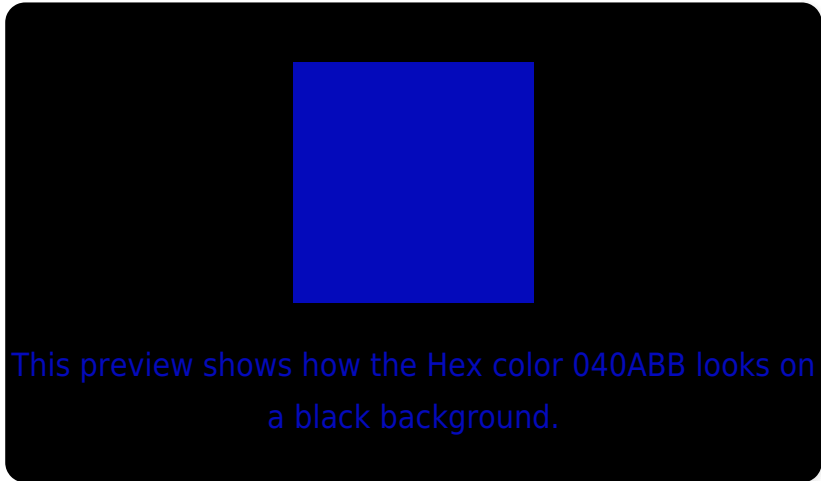
Large Text (above 18pt) WCAG AA ✓ Pass

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

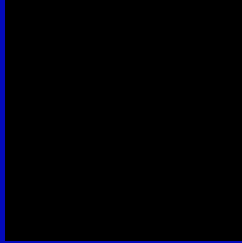
Any Text WCAG AA × Fail

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 040ABB Background



This preview shows how black text looks on a background with the Hex color 040ABB.



This preview shows how white text looks on a background with the Hex color 040ABB.

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
040ABB

Protanopia
003773

Deuteranopia
003B62



Tritanopia
003F42

Trichromacy



Original Color
040ABB

Protanomaly
01278D

Deuteranomaly
012982

Tritanomaly
012C6E

Monochromacy



Original Color
040ABB

Achromatopsia
1C1C1C

Achromatomaly
131556

CSS Examples

Text

The CSS property to change the color of the text to Hex 040ABB 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 #040ABB looks like.

```
.text, #text, p{  
    color:#040ABB  
}
```

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 #040ABB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040ABB
}
```

Border

The CSS property to change the border of an element to Hex 040ABB is called "border". The border property can be set on classes, ids or directly on the HTML element.

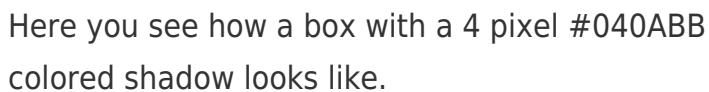
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#040ABB }
```

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

```
.border{ border-color:#040ABB }
```

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



Here you see how a box with a 4 pixel #040ABB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040ABB; -webkit-box-shadow:4px 4px  
4px 4px #040ABB; box-shadow:4px 4px 4px  
4px #040ABB }
```

Background

The CSS property to change the background color of an element to Hex 040ABB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040ABB }
```

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

```
.background{ background-color:#040ABB }
```

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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