

# Converting Colors

Hex(C40ABB)

Have a look what the booklet for  
Hex(C40ABB) contains.

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**Color**

**Hex(C40ABB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C40ABB
RGB	196, 10, 187
RGB Percent	77%, 4%, 73%
CMY	0.2314, 0.9608, 0.2667
CMYK	0.00, 0.95, 0.05, 0.23
HSL	303°, 90%, 40%
HSV	303°, 95%, 77%
XYZ	31.8431, 15.5407, 48.3350
YIQ	85.7920, 54.0390, 94.4790

# Conversions

## Conversions Part 2

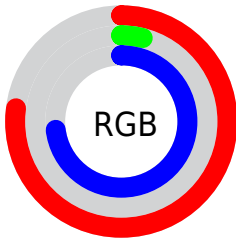
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 10, 187
Decimal	12847803
CIE <sub>Lab</sub>	46.37, 78.45, -45.04
CIE <sub>LCh</sub>	46, 90.458, 330.138
Yxy	15.5407, 0.3327, 0.1624
Android (android.graphics.Color)	4291037883 (0xFFC40ABB)
YUV	85.7920, 49.8955, 96.6524
Hunter-Lab	39.4217, 75.1966, -45.1004

# Details

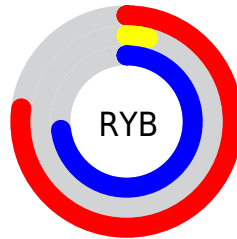
The Hex color **C40ABB** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **0AC413**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5DF4**, and **890085** is the 20% darker color. If you saturate the color by 10%, you get **C400BB**, and if you desaturate by 10%, it is **C41EBC**.

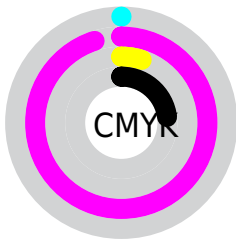
# Distribution



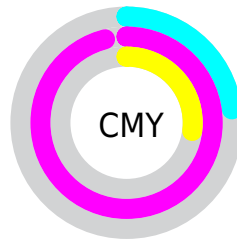
- Red (77%)
- Green (4%)
- Blue (73%)



- Red (77%)
- Yellow (4%)
- Blue (73%)



- Cyan (0%)
- Magenta (95%)
- Yellow (5%)
- Black (23%)



- Cyan (23%)
- Magenta (96%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C40ABB 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 C40ABB by changing the saturation by 10% instead.



 C40ABB

 C40ABB

FFFFFF

 A600A0

 FF5DF4

 890085

 FF7BFF

 6D006B

 FF99FF

 500052

 FFB6FF

 36003A

 FFD4FF

 150024

 FFF2FF

 00000A

 000000

 C40ABB

 C40ABB

 C400BB

 C41EBC

 C431BD

 C445BE

 C458BF

 C46CC0

 C480C1

 C493C2

 C4A7C3

 C4BAC4

# Harmonies

## Analogous

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



5559F4



C40ABB



EA0071

# Triad

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



C40ABB



866C00



008CB9

# Complementary

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



C40ABB



0AC413

# 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.



008B6C



C40ABB



357E00

# Square

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



C40ABB



BF4700



008713



0088F3

# Rectangle

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



C40ABB



EA0040



008713



008CA1



# Sweetspot

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



C40ABB



FFB8FC



100AC4



80547D



000000



808080



# Same Dimension

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



C40ABB



FF00F3



C40A61



615760



A10099



210020



# Inverse Universe

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



C40ABB



FF00F3



0AC46D



615760



A10099



210020



# Previews

## White Background



This preview shows how the Hex color C40ABB looks on a white background.

## Color Contrast Check

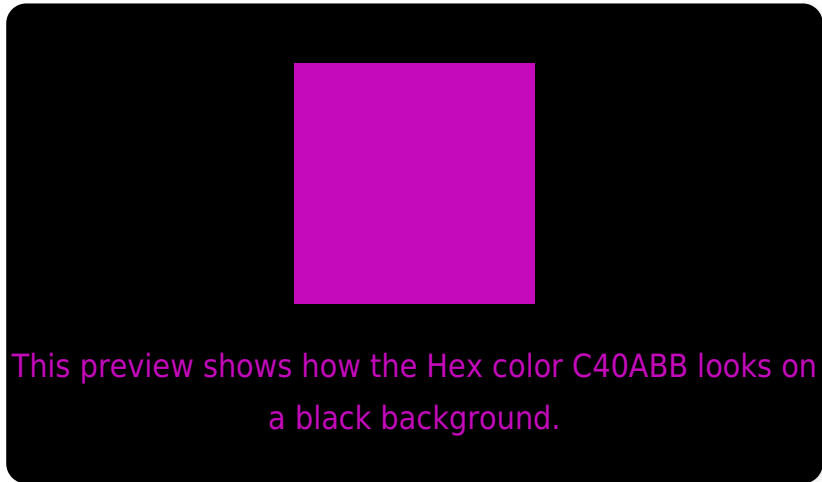
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

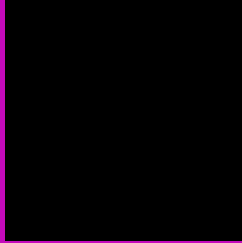
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C40ABB Background



This preview shows how black text looks on a background with the Hex color C40ABB.



This preview shows how white text looks on a background with the Hex color C40ABB.

# 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





**Tritanopia**  
B94A4F

# Trichromacy



**Original Color**  
C40ABB



**Protanomaly**  
4748D5



**Deuteranomaly**  
784AB4



**Tritanomaly**  
BD3376

# Monochromacy



**Original Color**  
C40ABB



**Achromatopsia**  
565656



**Achromatomaly**  
7E3A7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C40ABB 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 #C40ABB looks like.

```
.text, #text, p{  
    color:#C40ABB  
}
```

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 #C40ABB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C40ABB
}
```

## Border

The CSS property to change the border of an element to Hex C40ABB 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
#C40ABB }
```

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

```
.border{ border-color:#C40ABB }
```

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

Here you see how a box with a 4 pixel #C40ABB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C40ABB; -webkit-box-shadow:4px 4px  
4px 4px #C40ABB; box-shadow:4px 4px 4px  
4px #C40ABB }
```

# Background

The CSS property to change the background color of an element to Hex C40ABB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C40ABB }
```

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

```
.background{ background-color:#C40ABB }
```

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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