

Converting Colors

Hex(C00047)

Have a look what the booklet for
Hex(C00047) contains.

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Color

Hex(C00047)

Conversions

Conversions Part 1

Format	Color
Hex	C00047
RGB	192, 0, 71
RGB Percent	75%, 0%, 28%
CMY	0.2471, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.63, 0.25
HSL	338°, 100%, 38%
HSV	338°, 100%, 75%
XYZ	22.8756, 11.6614, 7.0064
YIQ	65.5020, 91.6410, 62.7850

Conversions

Conversions Part 2

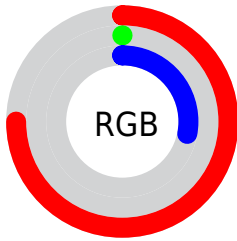
Format	Color
RYB	192, 0, 71
Decimal	12582983
CIELab	40.67, 66.74, 17.57
CIElCh	41, 69.009, 14.748
Yxy	11.6614, 0.5506, 0.2807
Android (android.graphics.Color)	4290773063 (0xFFC00047)
YUV	65.5020, 2.7105, 110.9387
Hunter-Lab	34.1488, 59.8130, 11.7394

Details

The Hex color **C00047** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **00C079**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FF5477**, and **82001D** is the 20% darker color. If you saturate the color by 10%, you get **C00047**, and if you desaturate by 10%, it is **C01353**.

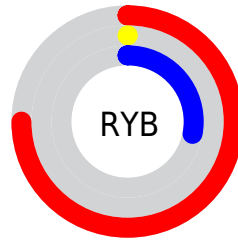
Distribution



Red (75%)

Green (0%)

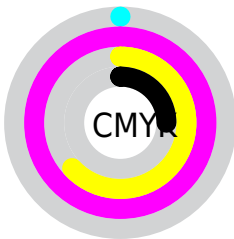
Blue (28%)



Red (75%)

Yellow (0%)

Blue (28%)

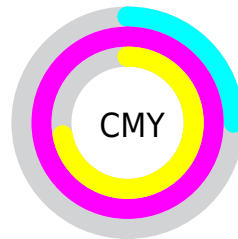


Cyan (0%)

Magenta (100%)

Yellow (63%)

Black (25%)



Cyan (25%)

Magenta (100%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color C00047 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 C00047 by changing the saturation by 10% instead.

 C00047

 C00047

FFFFFF

 A10031

 FF5477

 82001D

 FF7190

 650002

 FF8EAB

 480003

 FFABC6

 280001

 FFC9E2

 000000

 FFE6FF

 C00047

 C01353

 C0265F

 C03A6B

 C04D77

 C06083

 C07390

 C0869C

 C09AA8

 C0ADB4

Harmonies

Analogous

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



B4127F



C00047



B0330D

Triad

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



C00047



007100



006FCE

Complementary

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



C00047



00C079

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.



0076AF



C00047



007640

Square

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



C00047



5C6600



00787B



005ECF

Rectangle

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



C00047



9A4A00



00787B



0072C7

Sweetspot

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



C00047



FAAFCB



7600C0



7D5061



FCFCFC



7D7D7D

Same Dimension

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



C00047



FA005C



C01600



61575B



A1003B



21000C

Inverse Universe

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



C00047



FA005C



00AAC0



61575B



A1003B



21000C

Previews

White Background



This preview shows how the Hex color C00047 looks on a white background.

Color Contrast Check

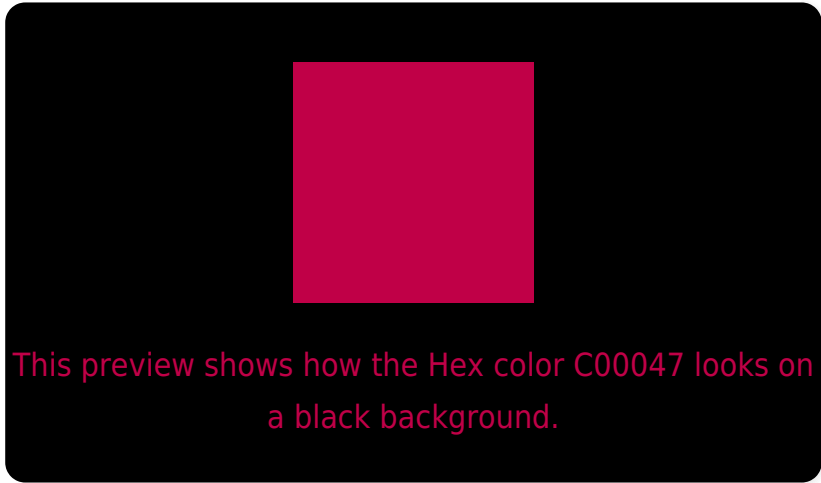
Large Text (above 18pt) WCAG AA ✓ Pass

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 C00047 Background



This preview shows how black text looks on a background with the Hex color C00047.



This preview shows how white text looks on a background with the Hex color C00047.

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
C00047

Protanopia
636268

Deuteranopia
775E3F



Tritanopia
BF1D1A

Trichromacy



Original Color
C00047



Protanomaly
853E5C



Deuteranomaly
923C42



Tritanomaly
BF122A

Monochromacy



Original Color
C00047



Achromatopsia
424242



Achromatomaly
702A44

CSS Examples

Text

The CSS property to change the color of the text to Hex C00047 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 #C00047 looks like.

```
.text, #text, p{  
    color:#C00047  
}
```

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 #C00047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C00047
}
```

Border

The CSS property to change the border of an element to Hex C00047 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
#C00047 }
```

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

```
.border{ border-color:#C00047 }
```

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

Here you see how a box with a 4 pixel #C00047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C00047; -webkit-box-shadow:4px 4px  
4px 4px #C00047; box-shadow:4px 4px 4px  
4px #C00047 }
```

Background

The CSS property to change the background color of an element to Hex C00047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C00047 }
```

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

```
.background{ background-color:#C00047 }
```

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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