

Converting Colors

Hex(C30047)

Have a look what the booklet for
Hex(C30047) contains.

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Color

Hex(C30047)

Conversions

Conversions Part 1

Format	Color
Hex	C30047
RGB	195, 0, 71
RGB Percent	76%, 0%, 28%
CMY	0.2353, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.64, 0.24
HSL	338°, 100%, 38%
HSV	338°, 100%, 76%
XYZ	23.6430, 12.0570, 7.0424
YIQ	66.3990, 93.4290, 63.4210

Conversions

Conversions Part 2

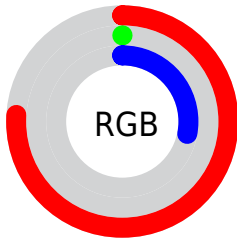
Format	Color
RYB	195, 0, 71
Decimal	12779591
CIELab	41.31, 67.44, 18.52
CIElCh	41, 69.941, 15.357
Yxy	12.0570, 0.5532, 0.2821
Android (android.graphics.Color)	4290969671 (0xFFC30047)
YUV	66.3990, 2.2683, 112.7831
Hunter-Lab	34.7232, 60.7747, 12.2814

Details

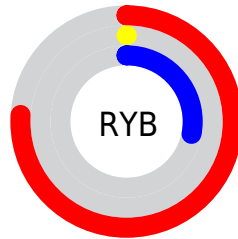
The Hex color **C30047** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **00C37C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **FF5577**, and **85001D** is the 20% darker color. If you saturate the color by 10%, you get **C30047**, and if you desaturate by 10%, it is **C31353**.

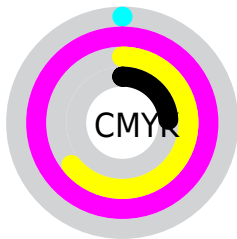
Distribution



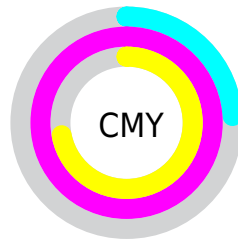
- Red (76%)
- Green (0%)
- Blue (28%)



- Red (76%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (24%)



- Cyan (24%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color C30047 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 C30047 by changing the saturation by 10% instead.

 C30047

 C30047

FFFFFF

 A40031

 FF5577

 85001D

 FF7290

 670002

 FF8FAB

 4A0003

 FFACC6

 2B0001

 FFCAE2

 000000

 FFE7FF

 C30047

 C31353

 C32760

 C33B6C

 C34E79

 C36285

 C37591

 C3889E

 C39CAA

 C3B0B7

Harmonies

Analogous

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



B71180



C30047



B2350B

Triad

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



C30047



007300



0070D2

Complementary

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



C30047



00C37C

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.



0078B3



C30047



007842

Square

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



C30047



5C6800



00797E



005FD2

Rectangle

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



C30047



9C4B00



00797E



0074CB

Sweetspot

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



C30047



FCB1CC



7C00C3



805262



000000



808080

Same Dimension

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



C30047



FC005C



C31A00



61575B



A1003A



21000C

Inverse Universe

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



C30047



FC005C



00A9C3



61575B



A1003A



21000C

Previews

White Background



This preview shows how the Hex color C30047 looks on a white background.

Color Contrast Check

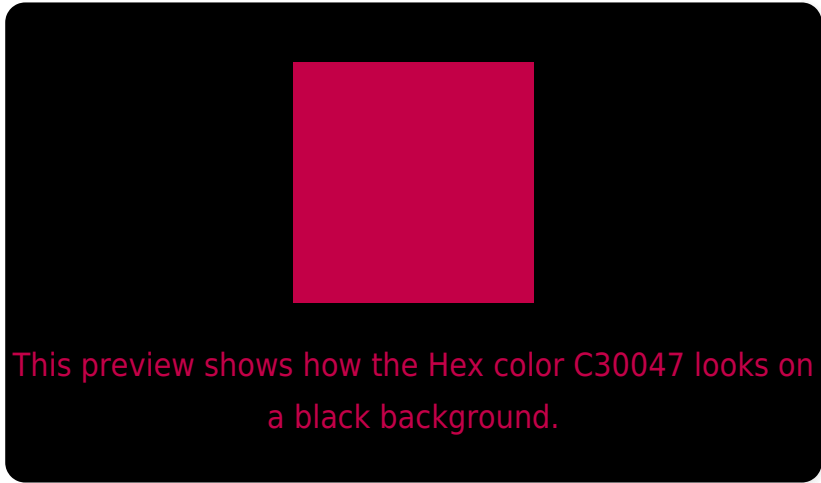
Large Text (above 18pt) WCAG AA ✓ Pass

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 C30047 Background



This preview shows how black text looks on a background with the Hex color C30047.



This preview shows how white text looks on a background with the Hex color C30047.

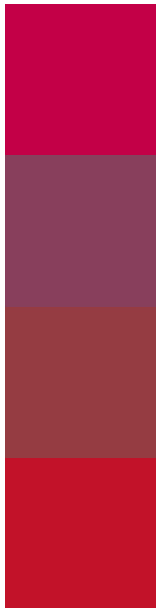
Color Blindness Simulation

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



Trichromacy



Original Color
C30047

Protanomaly
873F5C

Deuteranomaly
943C41

Tritanomaly
C2122A

Monochromacy



Original Color
C30047

Achromatopsia
424242

Achromatomaly
712A44

CSS Examples

Text

The CSS property to change the color of the text to Hex C30047 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 #C30047 looks like.

```
.text, #text, p{  
    color:#C30047  
}
```

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 #C30047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C30047
}
```

Border

The CSS property to change the border of an element to Hex C30047 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".

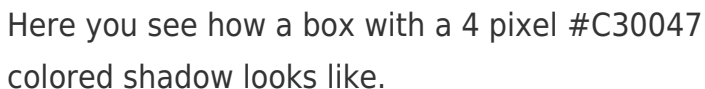
```
.border, #border, table{ border:4px solid
#C30047 }
```

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

```
.border{ border-color:#C30047 }
```

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

Here you see how a box with a 4 pixel #C30047 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and describes the shadow's appearance.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C30047; -webkit-box-shadow:4px 4px  
4px 4px #C30047; box-shadow:4px 4px 4px  
4px #C30047 }
```

Background

The CSS property to change the background color of an element to Hex C30047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C30047 }
```

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

```
.background{ background-color:#C30047 }
```

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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