

Converting Colors

Hex(C70057)

Have a look what the booklet for
Hex(C70057) contains.

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Color

Hex(C70057)

Conversions

Conversions Part 1

Format	Color
Hex	C70057
RGB	199, 0, 87
RGB Percent	78%, 0%, 34%
CMY	0.2196, 1.0000, 0.6588
CMYK	0.00, 1.00, 0.56, 0.22
HSL	334°, 100%, 39%
HSV	334°, 100%, 78%
XYZ	25.2735, 12.8302, 10.1612
YIQ	69.4190, 90.6770, 69.2450

Conversions

Conversions Part 2

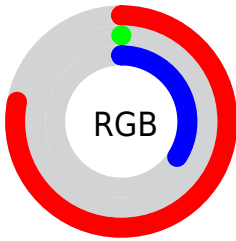
Format	Color
R_{YB}	199, 0, 87
Decimal	13041751
CIE _{Lab}	42.51, 69.34, 10.16
CIE _{LCh}	43, 70.080, 8.332
Yxy	12.8302, 0.5236, 0.2658
Android (android.graphics.Color)	4291231831 (0xFFC70057)
YUV	69.4190, 8.6674, 113.6425
Hunter-Lab	35.8193, 63.2627, 8.2541

Details

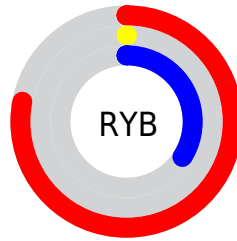
The Hex color **C70057** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **00C770**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF5688**, and **8A002A** is the 20% darker color. If you saturate the color by 10%, you get **C70057**, and if you desaturate by 10%, it is **C71462**.

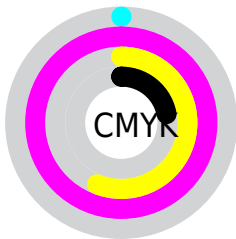
Distribution



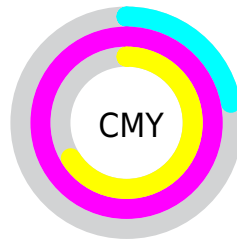
- Red (78%)
- Green (0%)
- Blue (34%)



- Red (78%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color C70057 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 C70057 by changing the saturation by 10% instead.

 C70057

 C70057

FFFFFF

 A80040

 FF5688

 8A002A

 FF74A3

 6B0017

 FF91BD

 4F0003

 FFAED9

 300002

 FFCCF6

 000000

 FFEAFF

 C70057

 C71462

 C7286D

 C73C79

 C75084

 C7648F

 C7779A

 C78BA5

 C79FB1

 C7B3BC

Harmonies

Analogous

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



B32390



C70057



BC2F1E

Triad

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



C70057



277400



0076D1

Complementary

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



C70057



00C770

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.



007CAB



C70057



007A36

Square

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



C70057



6C6700



007D74



0067D9

Rectangle

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



C70057



A84700



007D74



0079C7

Sweetspot

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



C70057



FFB3D4



6D00C7



805266



000000



808080

Same Dimension

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



C70057



FF006F



C70A00



635A5E



A30047



240010

Inverse Universe

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



C70057



FF006F



00BDC7



635A5E



A30047



240010

Previews

White Background



This preview shows how the Hex color C70057 looks on a white background.

Color Contrast Check

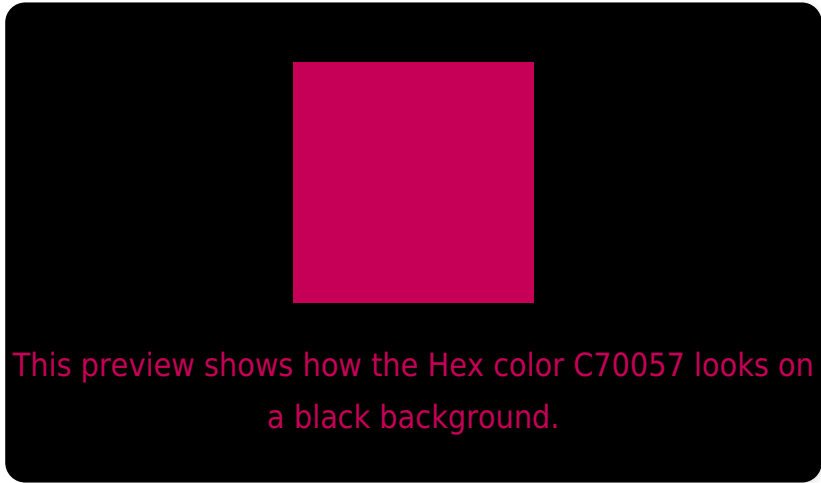
Large Text (above 18pt) WCAG AA ✓ Pass

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 C70057 Background



This preview shows how black text looks on a background with the Hex color C70057.



This preview shows how white text looks on a background with the Hex color C70057.

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
C70057

Protanopia
61667E

Deuteranopia
79634F

Trichromacy



Original Color
C70057



Protanomaly
864170



Deuteranomaly
953F52



Tritanomaly
C61635

Monochromacy



Original Color
C70057



Achromatopsia
454545



Achromatomaly
742C4C

CSS Examples

Text

The CSS property to change the color of the text to Hex C70057 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 #C70057 looks like.

```
.text, #text, p{  
    color:#C70057  
}
```

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 #C70057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C70057
}
```

Border

The CSS property to change the border of an element to Hex C70057 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
#C70057 }
```

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

```
.border{ border-color:#C70057 }
```

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

Here you see how a box with a 4 pixel #C70057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C70057; -webkit-box-shadow:4px 4px  
4px 4px #C70057; box-shadow:4px 4px 4px  
4px #C70057 }
```

Background

The CSS property to change the background color of an element to Hex C70057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C70057 }
```

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

```
.background{ background-color:#C70057 }
```

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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