

Converting Colors

Hex(C00357)

Have a look what the booklet for
Hex(C00357) contains.

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Color

Hex(C00357)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C00357 |
| RGB | 192, 3, 87 |
| RGB Percent | 75%, 1%, 34% |
| CMY | 0.2471, 0.9882, 0.6588 |
| CMYK | 0.00, 0.98, 0.55, 0.25 |
| HSL | 333°, 97%, 38% |
| HSV | 333°, 98%, 75% |
| XYZ | 23.4911, 11.9597, 10.0872 |
| YIQ | 69.0870, 85.6800, 66.1920 |

Conversions

Conversions Part 2

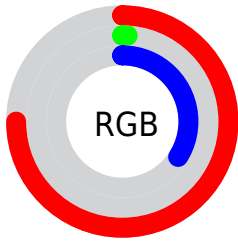
| Format | Color |
|-------------------------------------|------------------------------|
| R_YB | 192, 3, 87 |
| Decimal | 12583767 |
| CIE Lab | 41.15, 67.43, 8.04 |
| CIE LCh | 41, 67.913, 6.800 |
| Yxy | 11.9597, 0.5159, 0.2626 |
| Android (android.graphics.Color) | 4290773847 (0xFFC00357) |
| YUV | 69.0870, 8.8311, 107.7947 |
| Hunter-Lab | 34.5828, 60.7299, 6.9142 |

Details

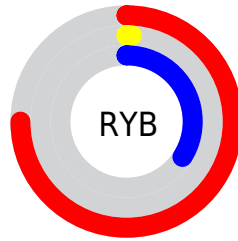
The Hex color **C00357** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **03C06C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FE5588**, and **83002A** is the 20% darker color. If you saturate the color by 10%, you get **C00055**, and if you desaturate by 10%, it is **C01662**.

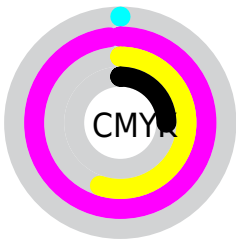
Distribution



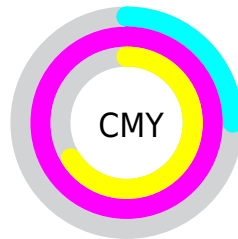
- Red (75%)
- Green (1%)
- Blue (34%)



- Red (75%)
- Yellow (1%)
- Blue (34%)



- Cyan (0%)
- Magenta (98%)
- Yellow (55%)
- Black (25%)



- Cyan (25%)
- Magenta (99%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color C00357 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 C00357 by changing the saturation by 10% instead.

 C00357

 C00357

FFFFFF

 A10040

 FE5588

 83002A

 FF73A3

 650017

 FF90BE

 4A0003

 FFADD9

 2A0001

 FFCAF6

 000000

 FFE8FF

 C00357

 C00357

 C00055

 C01662

 C0296C

 C03D77

 C05082

 C0638C

 C07697

 C089A2

 C09DAC

 C0B0B7

Harmonies

Analogous

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



AB258E



C00357



B72C21

Triad

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



C00357



2B7000



0073C8

Complementary

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



C00357



03C06C

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.



0078A3



C00357



007632

Square

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



C00357



6B6300



00786D



0065D1

Rectangle

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



C00357



A44300



00786D



0075BF

Sweetspot

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



C00357



FAAFD0



6B03C0



7D5064



FCFCFC



7D7D7D

Same Dimension

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



C00357



FA006F



C00C03



61575C



A10047



21000F

Inverse Universe

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



C00357



FA006F



03B7C0



61575C



A10047



21000F

Previews

White Background



This preview shows how the Hex color C00357 looks on a white background.

Color Contrast Check

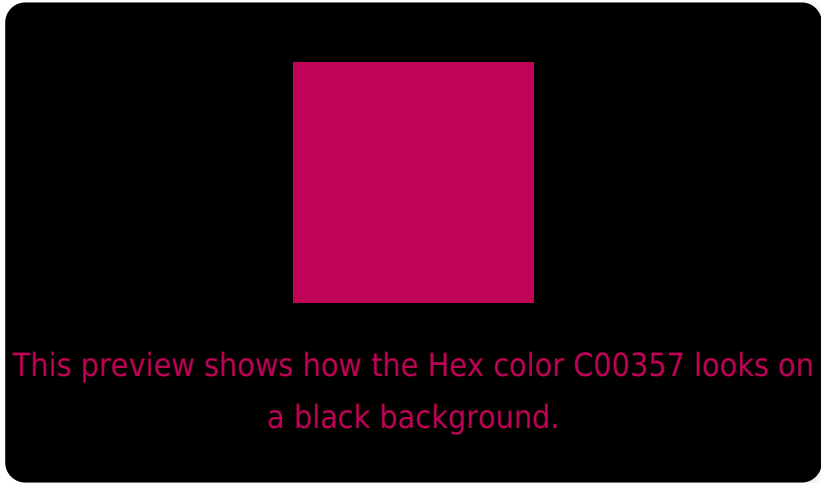
Large Text (above 18pt) WCAG AA ✓ Pass

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 C00357 Background



This preview shows how black text looks on a background with the Hex color C00357.



This preview shows how white text looks on a background with the Hex color C00357.

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
C00357

Protanopia
5C627E

Deuteranopia
745F4F

Trichromacy



Original Color
C00357



Protanomaly
803F70



Deuteranomaly
903E52



Tritanomaly
BF1735

Monochromacy



Original Color
C00357



Achromatopsia
454545



Achromatomaly
722D4C

CSS Examples

Text

The CSS property to change the color of the text to Hex C00357 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 #C00357 looks like.

```
.text, #text, p{  
    color:#C00357  
}
```

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 #C00357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C00357  
}
```

Border

The CSS property to change the border of an element to Hex C00357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

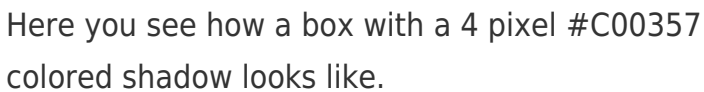
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#C00357 }
```

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

```
.border{ border-color:#C00357 }
```

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



Here you see how a box with a 4 pixel `#C00357` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C00357; -webkit-box-shadow:4px 4px  
4px 4px #C00357; box-shadow:4px 4px 4px  
4px #C00357 }
```

Background

The CSS property to change the background color of an element to Hex C00357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C00357 }
```

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

```
.background{ background-color:#C00357 }
```

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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