

Converting Colors

Hex(C8033D)

Have a look what the booklet for
Hex(C8033D) contains.

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Color

Hex(C8033D)

Conversions

Conversions Part 1

Format	Color
Hex	C8033D
RGB	200, 3, 61
RGB Percent	78%, 1%, 24%
CMY	0.2157, 0.9882, 0.7608
CMYK	0.00, 0.99, 0.69, 0.22
HSL	342°, 97%, 40%
HSV	342°, 99%, 78%
XYZ	24.6943, 12.6814, 5.5611
YIQ	68.5150, 98.7940, 59.8020

Conversions

Conversions Part 2

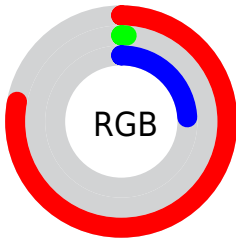
Format	Color
RYB	200, 3, 61
Decimal	13108029
CIELab	42.28, 67.84, 26.28
CIElCh	42, 72.755, 21.172
Yxy	12.6814, 0.5751, 0.2954
Android (android.graphics.Color)	4291298109 (0xFFC8033D)
YUV	68.5150, -3.7049, 115.3123
Hunter-Lab	35.6110, 61.4609, 15.6688

Details

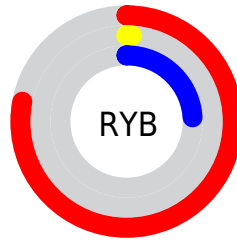
The Hex color **C8033D** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **03C88E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF566C**, and **890014** is the 20% darker color. If you saturate the color by 10%, you get **C8003B**, and if you desaturate by 10%, it is **C8174B**.

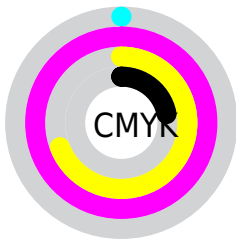
Distribution



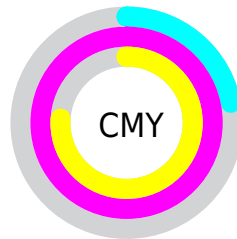
- Red (78%)
- Green (1%)
- Blue (24%)



- Red (78%)
- Yellow (1%)
- Blue (24%)



- Cyan (0%)
- Magenta (99%)
- Yellow (69%)
- Black (22%)



- Cyan (22%)
- Magenta (99%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8033D 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 C8033D by changing the saturation by 10% instead.

 C8033D

 C8033D

FFFFFF

 A90028

 FF566C

 890014

 FF7485

 6B0000

 FF919F

 4D0003

 FFAEBA

 2E0002

 FFCBD6

 000000

 FFE9F2

 C8033D

 C8033D

 C8003B

 C8174B

 C82B59

 C83F67

 C85375

 C86784

 C87B92

 C88FA0

 C8A3AE

 C8B7BC

Harmonies

Analogous

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



C20078



C8033D



B23C00

Triad

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



C8033D



007703



0071DC

Complementary

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



C8033D



03C88E

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.



007AC1



C8033D



007B4F

Square

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



C8033D



526D00



007D8E



165CD6

Rectangle

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



C8033D



985200



007D8E



0075D7

Sweetspot

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



C8033D



FFB3C9



8D03C8



80525F



000000



808080

Same Dimension

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



C8033D



FF004B



C82A03



635A5C



A30030



24000B

Inverse Universe

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



C8033D



FF004B



03A1C8



635A5C



A30030



24000B

Previews

White Background



This preview shows how the Hex color C8033D looks on a white background.

Color Contrast Check

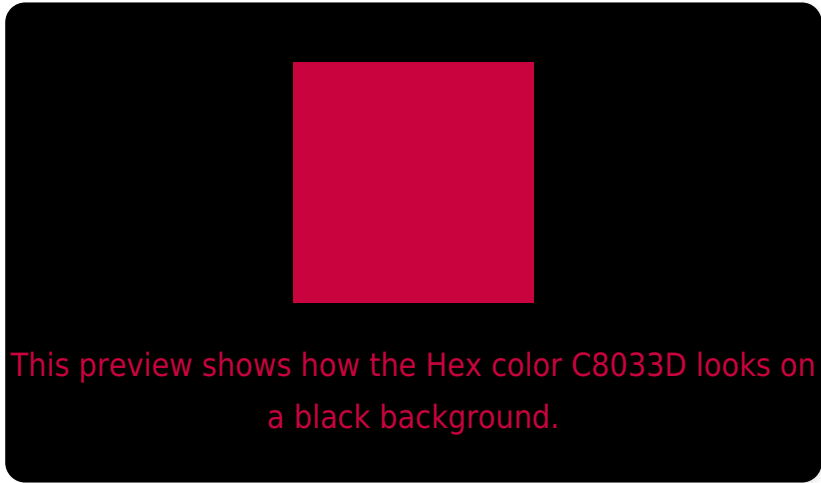
Large Text (above 18pt) WCAG AA ✓ Pass

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 C8033D Background



This preview shows how black text looks on a background with the Hex color C8033D.



This preview shows how white text looks on a background with the Hex color C8033D.

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
C8033D

Protanopia
6A665A

Deuteranopia
7D6133



Tritanopia
C71914

Trichromacy



Original Color
C8033D



Protanomaly
8C424F



Deuteranomaly
983F37



Tritanomaly
C71123

Monochromacy



Original Color
C8033D



Achromatopsia
454545



Achromatomaly
752D42

CSS Examples

Text

The CSS property to change the color of the text to Hex C8033D 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 #C8033D looks like.

```
.text, #text, p{  
    color:#C8033D  
}
```

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 #C8033D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8033D
}
```

Border

The CSS property to change the border of an element to Hex C8033D 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
#C8033D }
```

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

```
.border{ border-color:#C8033D }
```

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

Here you see how a box with a 4 pixel #C8033D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8033D; -webkit-box-shadow:4px 4px  
4px 4px #C8033D; box-shadow:4px 4px 4px  
4px #C8033D }
```

Background

The CSS property to change the background color of an element to Hex C8033D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8033D }
```

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

```
.background{ background-color:#C8033D }
```

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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