

# Converting Colors

Hex(C7083F)

Have a look what the booklet for  
Hex(C7083F) contains.

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**Color**

**Hex(C7083F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7083F
RGB	199, 8, 63
RGB Percent	78%, 3%, 25%
CMY	0.2196, 0.9686, 0.7529
CMYK	0.00, 0.96, 0.68, 0.22
HSL	343°, 92%, 41%
HSV	343°, 96%, 78%
XYZ	24.5372, 12.6747, 5.8558
YIQ	71.3790, 96.1810, 57.5970

# Conversions

## Conversions Part 2

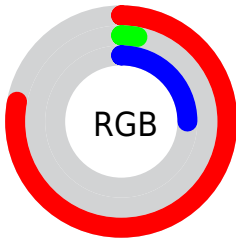
Format	Color
<a href="#">RYB</a>	<a href="#">199, 8, 63</a>
Decimal	<a href="#">13043775</a>
CIELab	<a href="#">42.27, 67.21, 24.97</a>
CIElCh	<a href="#">42, 71.700, 20.381</a>
Yxy	<a href="#">12.6747, 0.5697, 0.2943</a>
Android (android.graphics.Color)	<a href="#">4291233855</a> <a href="#">(0xFFC7083F)</a>
YUV	<a href="#">71.3790, -4.1308, 111.9236</a>
Hunter-Lab	<a href="#">35.6015, 60.7230, 15.1689</a>

# Details

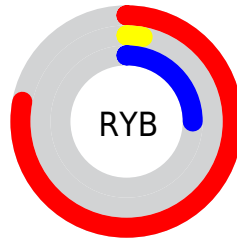
The Hex color **C7083F** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **08C790**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF576E**, and **890016** is the 20% darker color. If you saturate the color by 10%, you get **C70039**, and if you desaturate by 10%, it is **C71C4D**.

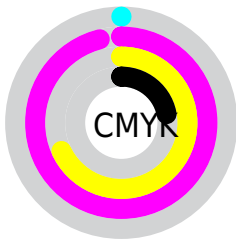
# Distribution



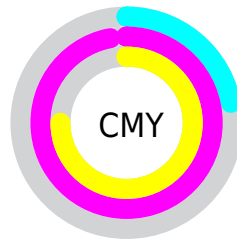
- Red (78%)
- Green (3%)
- Blue (25%)



- Red (78%)
- Yellow (3%)
- Blue (25%)



- Cyan (0%)
- Magenta (96%)
- Yellow (68%)
- Black (22%)



- Cyan (22%)
- Magenta (97%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7083F 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 C7083F by changing the saturation by 10% instead.



 C7083F

 C7083F

FFFFFF

 A80029

 FF576E

 890016

 FF7588

 6A0000

 FF92A2

 4C0003

 FFAFBD

 2E0002

 FFCCD8

 000000

 FFEAF5

 C7083F

 C7083F

 C70039

 C71C4D

 C7305B

 C7446A

 C75878

 C76C86

 C77F94

 C793A2

 C7A7B0

 C7BBBB

# Harmonies

## Analogous

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



C10179



C7083F



B23C00

# Triad

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



C7083F



007703



0071DA

# Complementary

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



C7083F



08C790

# 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.



007ABF



C7083F



007B4E

# Square

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



C7083F



546D00



007C8C



0D5DD4

# Rectangle

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



C7083F



995200



007C8C



0075D4



# Sweetspot

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



C7083F



FFB5CA



8E08C7



805360



000000



808080



# Same Dimension

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



C7083F



FF0049



C72E08



635A5C



A3002F



24000A



# Inverse Universe

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



C7083F



FF0049



08A1C7



635A5C



A3002F



24000A



# Previews

## White Background



This preview shows how the Hex color C7083F looks on a white background.

## Color Contrast Check

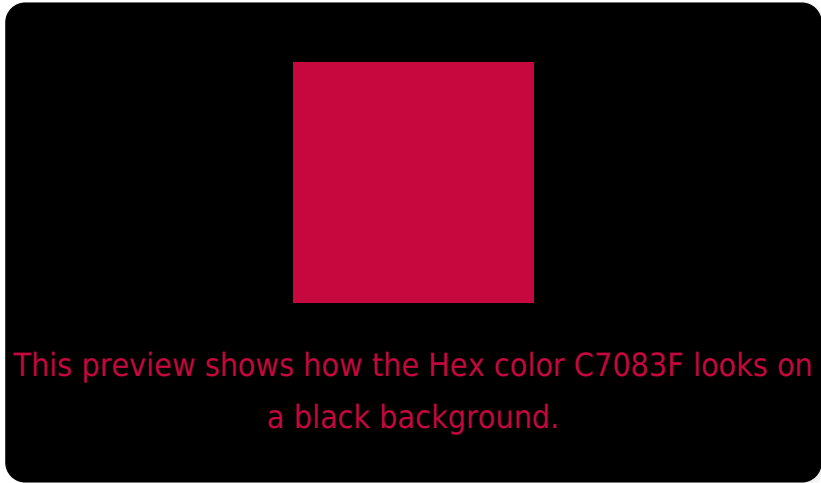
Large Text (above 18pt) WCAG AA ✓ Pass

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 C7083F Background



This preview shows how black text looks on a background with the Hex color C7083F.

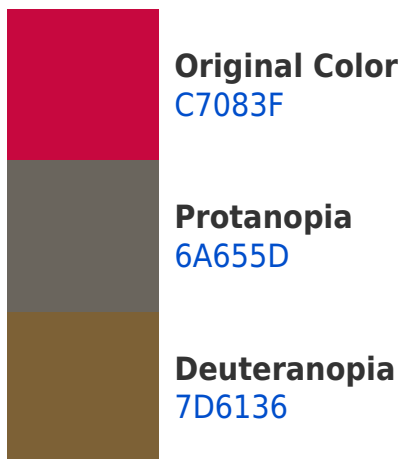


This preview shows how white text looks on a background with the Hex color C7083F.

# 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](#).

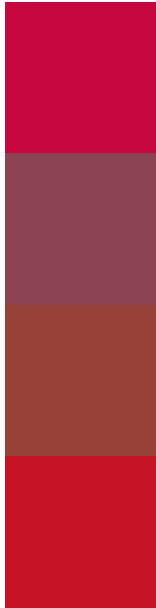
## Dichromacy





**Tritanopia**  
C61A17

# Trichromacy



**Original Color**  
C7083F

**Protanomaly**  
8C4352

**Deuteranomaly**  
984139

**Tritanomaly**  
C61326

# Monochromacy



**Original Color**  
C7083F

**Achromatopsia**  
474747

**Achromatomaly**  
763044

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7083F 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 #C7083F looks like.

```
.text, #text, p{  
    color:#C7083F  
}
```

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 #C7083F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7083F
}
```

## Border

The CSS property to change the border of an element to Hex C7083F is called "border". The border property can be set on classes, ids or directly on the HTML element.

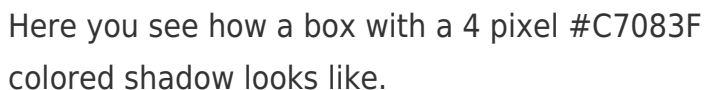
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C7083F }
```

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

```
.border{ border-color:#C7083F }
```

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



Here you see how a box with a 4 pixel `#C7083F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7083F; -webkit-box-shadow:4px 4px  
4px 4px #C7083F; box-shadow:4px 4px 4px  
4px #C7083F }
```

# Background

The CSS property to change the background color of an element to Hex C7083F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7083F }
```

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

```
.background{ background-color:#C7083F }
```

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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