

# Converting Colors

Hex(C2133F)

Have a look what the booklet for  
Hex(C2133F) contains.

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# Color

Hex(C2133F)

# Conversions

## Conversions Part 1

Format	Color
Hex	C2133F
RGB	194, 19, 63
RGB Percent	76%, 7%, 25%
CMY	0.2392, 0.9255, 0.7529
CMYK	0.00, 0.90, 0.68, 0.24
HSL	345°, 82%, 42%
HSV	345°, 90%, 76%
XYZ	23.3782, 12.2940, 5.8434
YIQ	76.3410, 90.1760, 50.7840

# Conversions

## Conversions Part 2

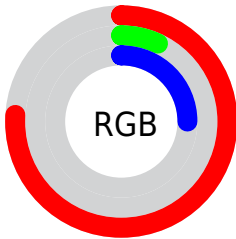
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	194, 19, 63
Decimal	12718911
CIE Lab	41.68, 64.66, 24.01
CIE LCh	42, 68.971, 20.370
Yxy	12.2940, 0.5631, 0.2961
Android (android.graphics.Color)	4290908991 (0xFFC2133F)
YUV	76.3410, -6.5771, 103.1869
Hunter-Lab	35.0627, 57.6557, 14.6629

# Details

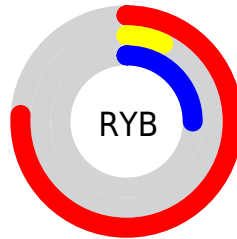
The Hex color **C2133F** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **13C296**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5A6E**, and **840016** is the 20% darker color. If you saturate the color by 10%, you get **C20031**, and if you desaturate by 10%, it is **C2264E**.

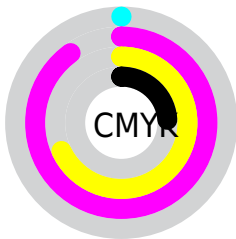
# Distribution



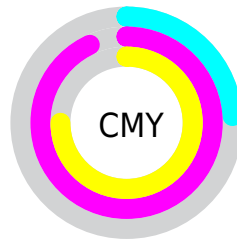
- Red (76%)
- Green (7%)
- Blue (25%)



- Red (76%)
- Yellow (7%)
- Blue (25%)



- Cyan (0%)
- Magenta (90%)
- Yellow (68%)
- Black (24%)



- Cyan (24%)
- Magenta (93%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2133F 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 C2133F by changing the saturation by 10% instead.



 C2133F

 C2133F

FFFFFF

 A30029

 FF5A6E

 840016

 FF7788

 660000

 FF93A2

 490003

 FFB0BD

 2A0001

 FFCDD8

 000000

 FFEBF5

 C2133F

 C2133F

 C20031

 C2264E

 C23A5C

 C24D6B

 C26179

 C27488

 C28796

 C29BA5

 C2AEB3

 C2C2C2

# Harmonies

## Analogous

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



BC0E77



C2133F



AE3D00

# Triad

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



C2133F



007509



006FD4

# Complementary

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



C2133F



13C296

# 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.



0078BA



C2133F



00794D

# Square

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



C2133F



546B00



007A89



1A5CCE

# Rectangle

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



C2133F



965100



007A89



0073CE



# Sweetspot

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



C2133F



FCB8C9



9313C2



805761



000000



808080



# Same Dimension

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



C2133F



FC003F



C23C13



61575A



A10028



210008



# Inverse Universe

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



C2133F



FC003F



1399C2



61575A



A10028



210008



# Previews

## White Background



This preview shows how the Hex color C2133F looks on a white background.

## Color Contrast Check

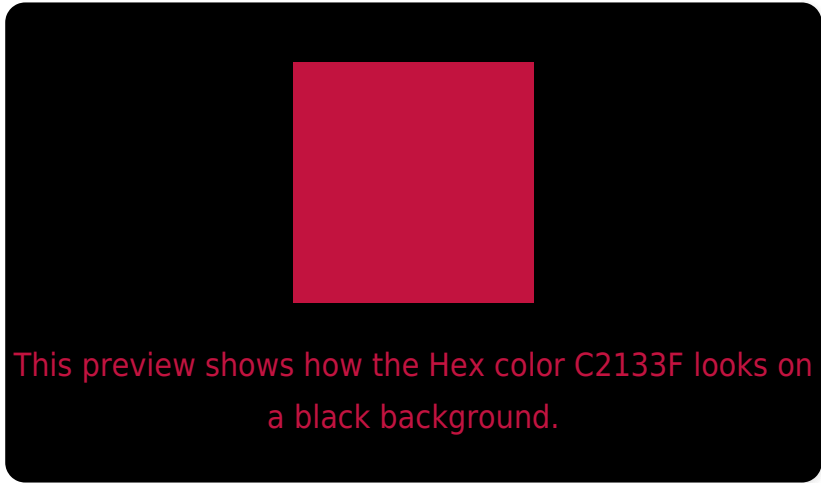
Large Text (above 18pt) WCAG AA ✓ Pass

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 C2133F Background



This preview shows how black text looks on a background with the Hex color C2133F.



This preview shows how white text looks on a background with the Hex color C2133F.

# Color Blindness Simulation

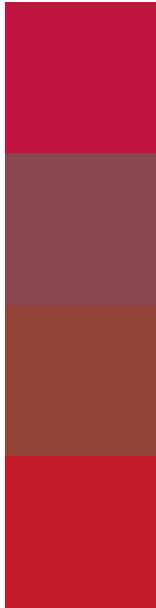
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
C2133F

**Protanomaly**  
894751

**Deuteranomaly**  
944339

**Tritanomaly**  
C11A29

# Monochromacy



**Original Color**  
C2133F

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
773747

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2133F 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 #C2133F looks like.

```
.text, #text, p{  
    color:#C2133F  
}
```

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 #C2133F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2133F
}
```

## Border

The CSS property to change the border of an element to Hex C2133F is called "border". The border property can be set on classes, ids or directly on the HTML element.

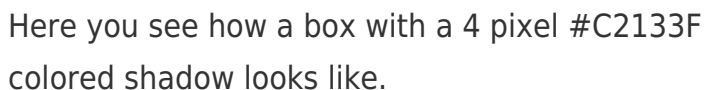
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C2133F }
```

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

```
.border{ border-color:#C2133F }
```

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



Here you see how a box with a 4 pixel `#C2133F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2133F; -webkit-box-shadow:4px 4px  
4px 4px #C2133F; box-shadow:4px 4px 4px  
4px #C2133F }
```

# Background

The CSS property to change the background color of an element to Hex C2133F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2133F }
```

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

```
.background{ background-color:#C2133F }
```

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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