

# Converting Colors

Hex(C1284F)

Have a look what the booklet for  
Hex(C1284F) contains.

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# Color

**Hex(C1284F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1284F
RGB	193, 40, 79
RGB Percent	76%, 16%, 31%
CMY	0.2431, 0.8431, 0.6902
CMYK	0.00, 0.79, 0.59, 0.24
HSL	345°, 66%, 46%
HSV	345°, 79%, 76%
XYZ	24.1624, 13.4196, 8.7139
YIQ	90.1930, 78.6690, 44.5650

# Conversions

## Conversions Part 2

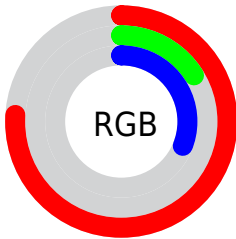
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 40, 79
Decimal	12658767
CIE Lab	43.39, 60.75, 16.21
CIE LCh	43, 62.879, 14.936
Yxy	13.4196, 0.5219, 0.2899
Android (android.graphics.Color)	4290848847 (0xFFC1284F)
YUV	90.1930, -5.5181, 90.1617
Hunter-Lab	36.6327, 53.6287, 11.5395

# Details

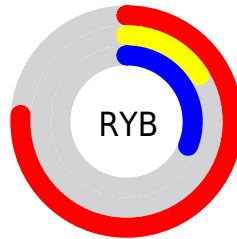
The Hex color **C1284F** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **28C19A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6580**, and **840023** is the 20% darker color. If you saturate the color by 10%, you get **C11541**, and if you desaturate by 10%, it is **C13B5D**.

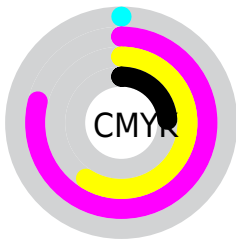
# Distribution



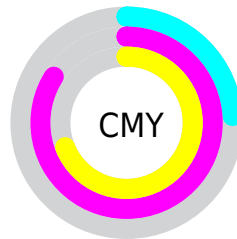
- Red (76%)
- Green (16%)
- Blue (31%)



- Red (76%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (79%)
- Yellow (59%)
- Black (24%)



- Cyan (24%)
- Magenta (84%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1284F 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 C1284F by changing the saturation by 10% instead.



 C1284F

 C1284F

FFFFFF

 A30038

 FF6580

 840023

 FF819A

 67000E

 FF9DB4

 4A0002

 FFBAD0

 2C0001

 FFD7EC

 000000

 FFF5FF

 C1284F

 C1284F

 C11541

 C13B5D

 C10132

 C14F6C

 C10031

 C1627A

 C17589

 C18997

 C19CA5

 C1AFB4

 C1C2C2

 C1D6D0

# Harmonies

## Analogous

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



B52E83



C1284F



B3411D

# Triad

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



C1284F



1F770E



0074CC

# Complementary

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



C1284F



28C19A

# 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.



007CB0



C1284F



007C49

# Square

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



C1284F



646C00



007D80



0064CC

# Rectangle

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



C1284F



9E5300



007D80



0077C5



# Sweetspot

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



C1284F



FABECD



9828C1



7D5962



FCFCFC



7D7D7D



# Same Dimension

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



C1284F



FA0C49



C14C28



61575A



A10029



210008



# Inverse Universe

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



C1284F



FA0C49



289DC1



61575A



A10029



210008



# Previews

## White Background



This preview shows how the Hex color C1284F looks on a white background.

## Color Contrast Check

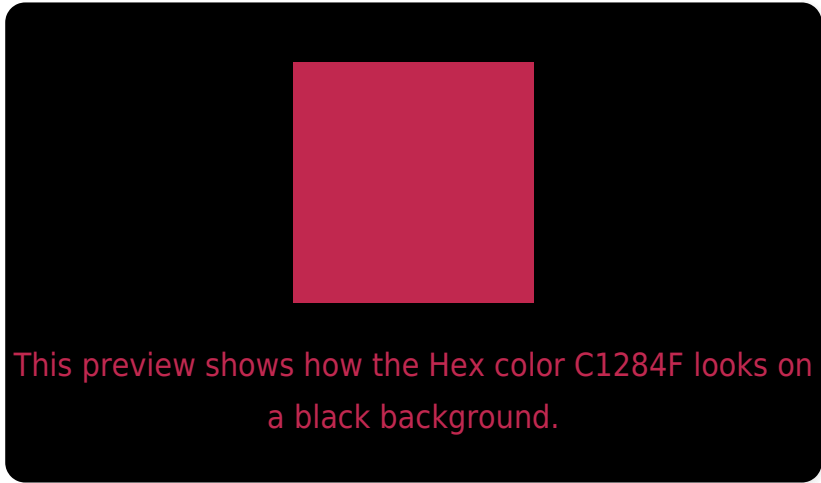
Large Text (above 18pt) WCAG AA ✓ Pass

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 C1284F Background



This preview shows how black text looks on a background with the Hex color C1284F.



This preview shows how white text looks on a background with the Hex color C1284F.

# 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



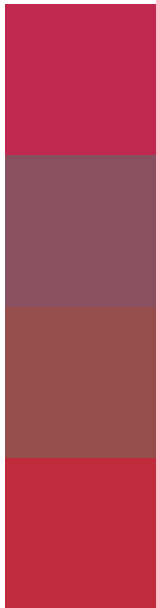
**Original Color**  
C1284F

**Protanopia**  
68676C

**Deuteranopia**  
7C6348



# Trichromacy



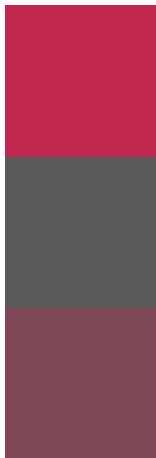
**Original Color**  
C1284F

**Protanomaly**  
885061

**Deuteranomaly**  
954E4B

**Tritanomaly**  
C02C3C

# Monochromacy



**Original Color**  
C1284F

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
7F4856

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1284F 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 #C1284F looks like.

```
.text, #text, p{  
    color:#C1284F  
}
```

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 #C1284F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1284F
}
```

## Border

The CSS property to change the border of an element to Hex C1284F is called "border". The border property can be set on classes, ids or directly on the HTML element.

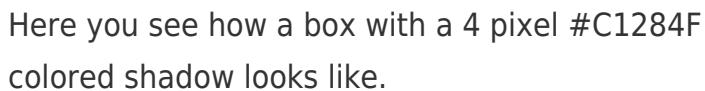
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C1284F }
```

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

```
.border{ border-color:#C1284F }
```

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



Here you see how a box with a 4 pixel `#C1284F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1284F; -webkit-box-shadow:4px 4px  
4px 4px #C1284F; box-shadow:4px 4px 4px  
4px #C1284F }
```

# Background

The CSS property to change the background color of an element to Hex C1284F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1284F }
```

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

```
.background{ background-color:#C1284F }
```

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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