

Converting Colors

Hex(C13F7D)

Have a look what the booklet for
Hex(C13F7D) contains.

Hex(C13F7D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C13F7D)

Conversions

Conversions Part 1

Format	Color
Hex	C13F7D
RGB	193, 63, 125
RGB Percent	76%, 25%, 49%
CMY	0.2431, 0.7529, 0.5098
CMYK	0.00, 0.67, 0.35, 0.24
HSL	331°, 51%, 50%
HSV	331°, 67%, 76%
XYZ	27.4715, 16.3731, 21.1145
YIQ	108.9380, 57.5780, 46.8420

Conversions

Conversions Part 2

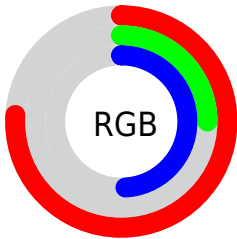
Format	Color
R_{YB}	193, 63, 125
Decimal	12664701
CIE _{Lab}	47.46, 57.05, -6.35
CIE _{LCh}	47, 57.403, 353.650
Yxy	16.3731, 0.4229, 0.2521
Android (android.graphics.Color)	4290854781 (0xFFC13F7D)
YUV	108.9380, 7.9186, 73.7224
Hunter-Lab	40.4637, 50.3751, -2.6136

Details

The Hex color **C13F7D** is a dark color, and the websafe version is hex **993366**. The color can be described as dark muted rose. A complement of this color would be **3FC183**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FD77B2**, and **87004C** is the 20% darker color. If you saturate the color by 10%, you get **C12C73**, and if you desaturate by 10%, it is **C15287**.

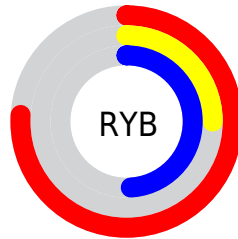
Distribution



Red (76%)

Green (25%)

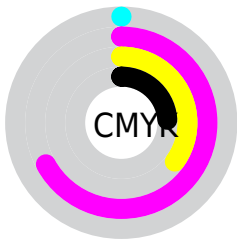
Blue (49%)



Red (76%)

Yellow (25%)

Blue (49%)

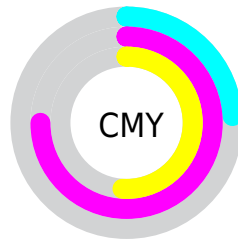


Cyan (0%)

Magenta (67%)

Yellow (35%)

Black (24%)



Cyan (24%)

Magenta (75%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color C13F7D 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 C13F7D by changing the saturation by 10% instead.

 C13F7D

 C13F7D

FFFFFF

 A41F64

 FD77B2

 87004C

 FF93CD

 6B0036

 FFAFE9

 4F0020

 FFCCFF

 360007

 FFE9FF

 080000

 000000

 C13F7D

 C13F7D

 C12C73

 C15287

 C11869

 C16691

 C1055F

 C1799B

 C1005C

 C18CA5

 C1A0AF

 C1B3BA

 C1C6C4

 C1D9CE

 C1EDD8

Harmonies

Analogous

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



A051AB



C13F7D



C5424D

Triad

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



C13F7D



627900



0083BE

Complementary

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



C13F7D



3FC183

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.



008796



C13F7D



178233

Square

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



C13F7D



906B00



008664



0079D1

Rectangle

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



C13F7D



BB4F2F



008664



0085B3

Sweetspot

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



C13F7D



FAC8E0



823FC1



7D5F6D



FCFCFC



7D7D7D

Same Dimension

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



C13F7D



FA2F90



C1413F



61575C



A1004D



210010

Inverse Universe

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



C13F7D



FA2F90



3FBFC1



61575C



A1004D



210010

Previews

White Background



This preview shows how the Hex color C13F7D looks on a white background.

Color Contrast Check

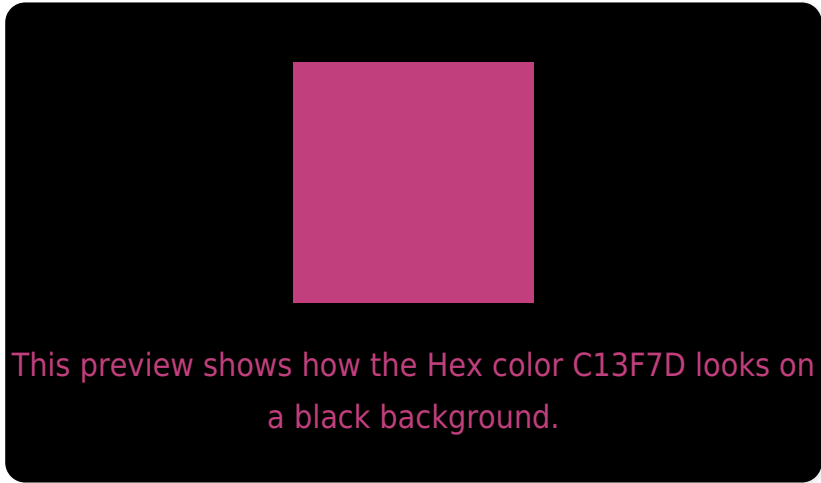
Large Text (above 18pt) WCAG AA ✓ Pass

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 C13F7D Background



This preview shows how black text looks on a background with the Hex color C13F7D.

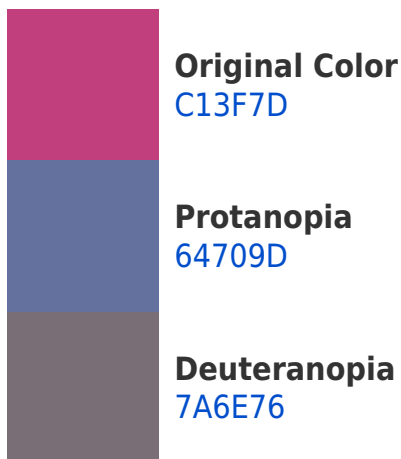


This preview shows how white text looks on a background with the Hex color C13F7D.

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
BE4A4F

Trichromacy



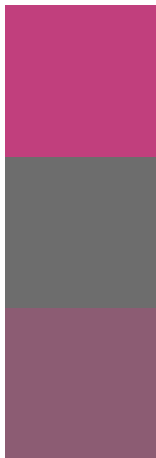
Original Color
C13F7D

Protanomaly
865E91

Deuteranomaly
945D79

Tritanomaly
BF4660

Monochromacy



Original Color
C13F7D

Achromatopsia
6D6D6D

Achromatomaly
8C5C73

CSS Examples

Text

The CSS property to change the color of the text to Hex C13F7D 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 #C13F7D looks like.

```
.text, #text, p{  
    color:#C13F7D  
}
```

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 #C13F7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13F7D
}
```

Border

The CSS property to change the border of an element to Hex C13F7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

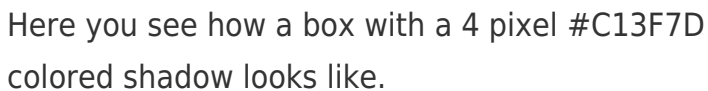
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C13F7D }
```

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

```
.border{ border-color:#C13F7D }
```

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



Here you see how a box with a 4 pixel `#C13F7D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13F7D; -webkit-box-shadow:4px 4px  
4px 4px #C13F7D; box-shadow:4px 4px 4px  
4px #C13F7D }
```

Background

The CSS property to change the background color of an element to Hex C13F7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13F7D }
```

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

```
.background{ background-color:#C13F7D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor