

Converting Colors

Hex(CF637D)

Have a look what the booklet for
Hex(CF637D) contains.

Hex(CF637D)	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(CF637D)

Conversions

Conversions Part 1

Format	Color
Hex	CF637D
RGB	207, 99, 125
RGB Percent	81%, 39%, 49%
CMY	0.1882, 0.6118, 0.5098
CMYK	0.00, 0.52, 0.40, 0.19
HSL	346°, 53%, 60%
HSV	346°, 52%, 81%
XYZ	33.8956, 23.6697, 22.1843
YIQ	134.2560, 56.0220, 30.9820

Conversions

Conversions Part 2

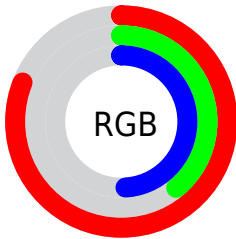
Format	Color
R_{YB}	207, 99, 125
Decimal	13591421
CIE _{Lab}	55.76, 45.28, 6.03
CIE _{LCh}	56, 45.681, 7.586
Yxy	23.6697, 0.4250, 0.2968
Android (android.graphics.Color)	4291781501 (0xFFCF637D)
YUV	134.2560, -4.5632, 63.7965
Hunter-Lab	48.6516, 39.2211, 7.0209

Details

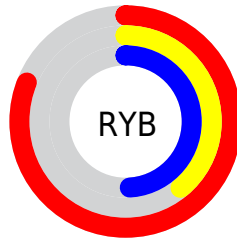
The Hex color **CF637D** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **63CFB5**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF99B1**, and **952E4C** is the 20% darker color. If you saturate the color by 10%, you get **CF4E6D**, and if you desaturate by 10%, it is **CF788D**.

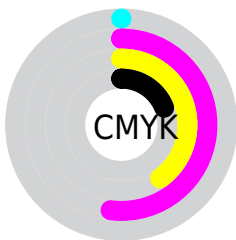
Distribution



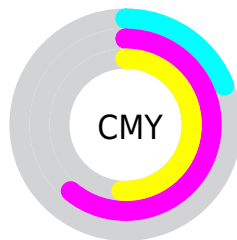
- Red (81%)
- Green (39%)
- Blue (49%)



- Red (81%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (52%)
- Yellow (40%)
- Black (19%)



- Cyan (19%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF637D 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 CF637D by changing the saturation by 10% instead.



CF637D



CF637D

FFFFFF



B24964



FF99B1



952E4C



FFB4CD



790F36



FFD1E9



5D0021



FFEEFF



420009



280001



000000



CF637D



CF637D



CF4E6D



CF788D

 CF3A5E

 CF8C9C

 CF254E

 CFA1AC

 CF103E

 CFB6BC

 CF0032

 CFCBCC

 CFDFDB

 CFF4EB

 CFFFFB

 CFFFFF

Harmonies

Analogous

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



BE69A5



CF637D



CA6A57

Triad

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



CF637D



699144



0092CE

Complementary

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



CF637D



63CFB5

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.



0098B5



CF637D



2B9766

Square

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



CF637D



938733



00998F



5086D4

Rectangle

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



CF637D



BD7443



00998F



0094C8

Sweetspot

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



CF637D



FFD6E0



B463CF



80676D



000000



808080

Same Dimension

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



CF637D



FF5E85



CF7E63



695E61



A80029



29000A

Inverse Universe

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



CF637D



FF5E85



63B4CF



695E61



A80029



29000A

Previews

White Background



This preview shows how the Hex color CF637D looks on a white background.

Color Contrast Check

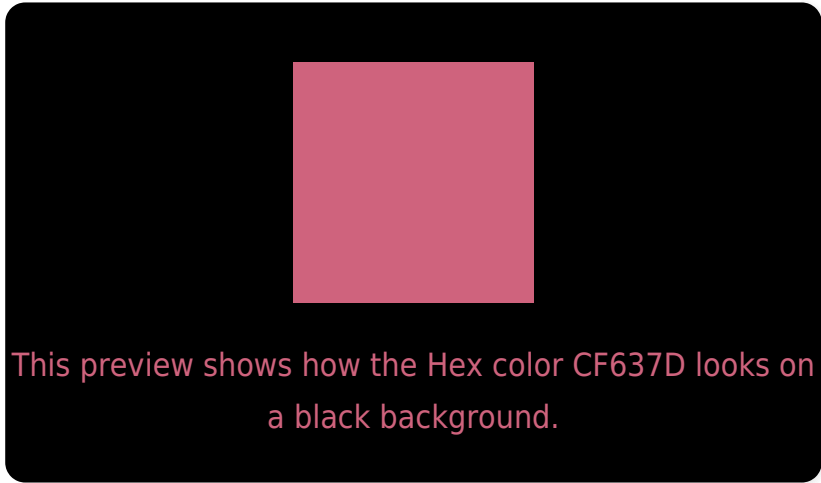
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CF637D Background



This preview shows how black text looks on a background with the Hex color CF637D.



This preview shows how white text looks on a background with the Hex color CF637D.

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



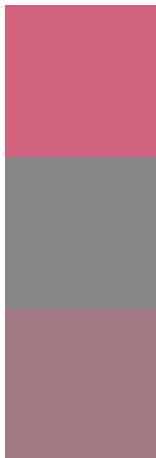
Original Color
CF637D

Protanomaly
A07989

Deuteranomaly
AC767A

Tritanomaly
CE6573

Monochromacy



Original Color
CF637D

Achromatopsia
868686

Achromatomaly
A17983

CSS Examples

Text

The CSS property to change the color of the text to Hex CF637D 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 #CF637D looks like.

```
.text, #text, p{  
    color:#CF637D  
}
```

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 #CF637D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF637D
}
```

Border

The CSS property to change the border of an element to Hex CF637D 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
#CF637D }
```

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

```
.border{ border-color:#CF637D }
```

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

Here you see how a box with a 4 pixel #CF637D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF637D; -webkit-box-shadow:4px 4px  
4px 4px #CF637D; box-shadow:4px 4px 4px  
4px #CF637D }
```

Background

The CSS property to change the background color of an element to Hex CF637D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF637D }
```

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

```
.background{ background-color:#CF637D }
```

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