

# Converting Colors

Hex(CF63A7)

Have a look what the booklet for  
Hex(CF63A7) contains.

<b>Hex(CF63A7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(CF63A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF63A7
RGB	207, 99, 167
RGB Percent	81%, 39%, 65%
CMY	0.1882, 0.6118, 0.3451
CMYK	0.00, 0.52, 0.19, 0.19
HSL	322°, 53%, 60%
HSV	322°, 52%, 81%
XYZ	37.1690, 24.9791, 39.4216
YIQ	139.0440, 42.5400, 44.0440

# Conversions

## Conversions Part 2

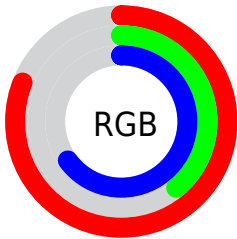
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 99, 167
Decimal	13591463
CIE Lab	57.06, 50.75, -16.59
CIE LCh	57, 53.388, 341.897
Yxy	24.9791, 0.3659, 0.2459
Android (android.graphics.Color)	4291781543 (0xFFCF63A7)
YUV	139.0440, 13.7823, 59.5974
Hunter-Lab	49.9791, 45.2855, -11.7804

# Details

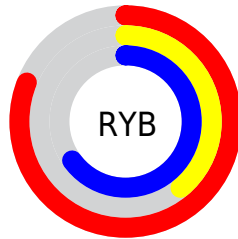
The Hex color **CF63A7** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **63CF8B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF99DE**, and **962D73** is the 20% darker color. If you saturate the color by 10%, you get **CF4E9F**, and if you desaturate by 10%, it is **CF78AF**.

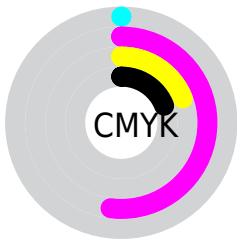
# Distribution



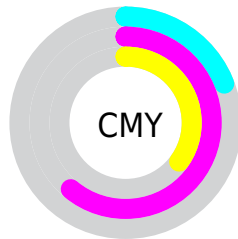
- Red (81%)
- Green (39%)
- Blue (65%)



- Red (81%)
- Yellow (39%)
- Blue (65%)



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



- Cyan (19%)
- Magenta (61%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF63A7 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 CF63A7 by changing the saturation by 10% instead.



 CF63A7

 CF63A7

FFFFFF

 B2488D

 FF99DE

 962D73

 FFB5FB

 7A0A5A

 FFD2FF

 5F0043

 FFEFFF

 45002C

 2D0018

 000000

 CF63A7

 CF63A7

 CF4E9F

 CF78AF

 CF3A98

 CF8CB6

 CF2590

 CFA1BE

 CF1088

 CFB6C6

 CF0082

 CFCBCD

 CFDFD5

 CFF4DD

 CFFFE4

 CFF FEC

# Harmonies

## Analogous

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



A375CF



CF63A7



DE5E78

# Triad

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



CF63A7



908C25



009DC6

# Complementary

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



CF63A7



63CF8B

# 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.



00A09B



CF63A7



5D983F

# Square

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



CF63A7



B97C2C



009E6A



0096E1

# Rectangle

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



CF63A7



DA655A



009E6A



009FB9



# Sweetspot

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



CF63A7



FFD6F0



8B63CF



806777



000000



808080



# Same Dimension

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



CF63A7



FF5EC4



CF6371



695E65



A8006A



29001A



# Inverse Universe

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



CF63A7



FF5EC4



63CFC1



695E65



A8006A



29001A



# Previews

## White Background



This preview shows how the Hex color CF63A7 looks on a white background.

## Color Contrast Check

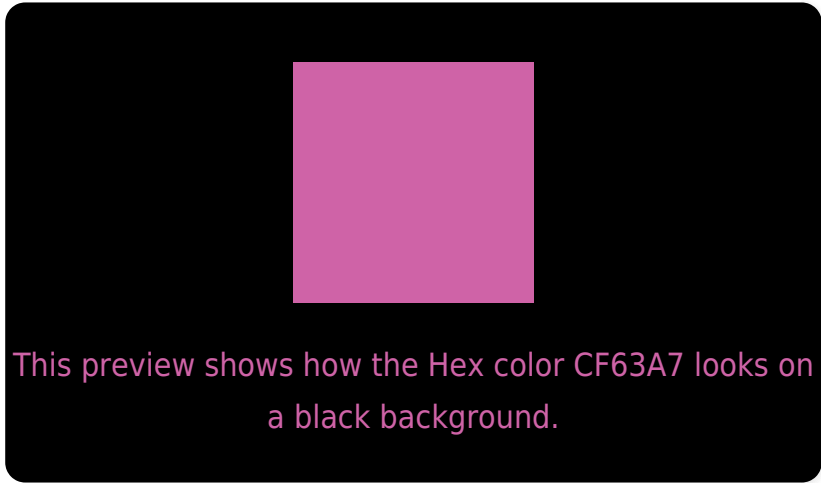
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF63A7 Background



This preview shows how black text looks on a background with the Hex color CF63A7.

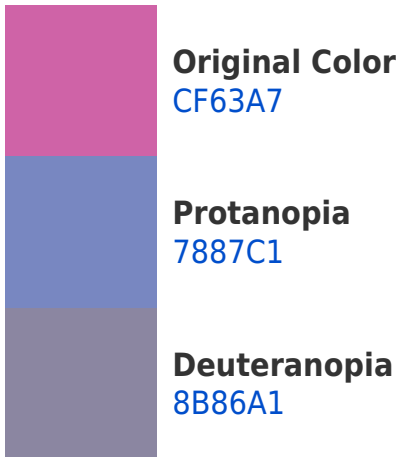



This preview shows how white text looks on a background with the Hex color CF63A7.

# 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**  
CA6E76

# Trichromacy



**Original Color**  
CF63A7



**Protanomaly**  
987AB8



**Deuteranomaly**  
A479A3

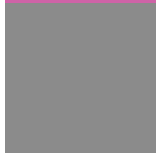


**Tritanomaly**  
CC6A88

# Monochromacy



**Original Color**  
CF63A7



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
A47C95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF63A7 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 #CF63A7 looks like.

```
.text, #text, p{  
    color:#CF63A7  
}
```

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 #CF63A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF63A7
}
```

## Border

The CSS property to change the border of an element to Hex CF63A7 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
#CF63A7 }
```

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

```
.border{ border-color:#CF63A7 }
```

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

Here you see how a box with a 4 pixel #CF63A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF63A7; -webkit-box-shadow:4px 4px  
4px 4px #CF63A7; box-shadow:4px 4px 4px  
4px #CF63A7 }
```

# Background

The CSS property to change the background color of an element to Hex CF63A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF63A7 }
```

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

```
.background{ background-color:#CF63A7 }
```

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