

Converting Colors

Hex(C44F85)

Have a look what the booklet for
Hex(C44F85) contains.

Hex(C44F85)	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(C44F85)

Conversions

Conversions Part 1

Format	Color
Hex	C44F85
RGB	196, 79, 133
RGB Percent	77%, 31%, 52%
CMY	0.2314, 0.6902, 0.4784
CMYK	0.00, 0.60, 0.32, 0.23
HSL	332°, 50%, 54%
HSV	332°, 60%, 77%
XYZ	29.7946, 19.0212, 24.2914
YIQ	120.1390, 52.3980, 41.5980

Conversions

Conversions Part 2

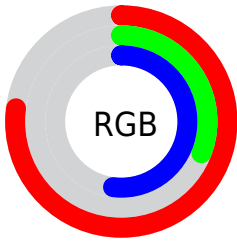
Format	Color
R_{YB}	196, 79, 133
Decimal	12865413
CIE _{Lab}	50.71, 52.10, -6.28
CIE _{LCh}	51, 52.479, 353.128
Yxy	19.0212, 0.4075, 0.2602
Android (android.graphics.Color)	4291055493 (0xFFC44F85)
YUV	120.1390, 6.3405, 66.5301
Hunter-Lab	43.6133, 45.6197, -2.4936

Details

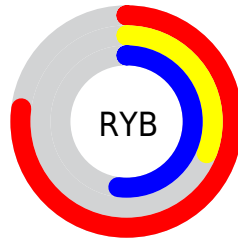
The Hex color **C44F85** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **4FC48E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF85BA**, and **8B1254** is the 20% darker color. If you saturate the color by 10%, you get **C43B7A**, and if you desaturate by 10%, it is **C46390**.

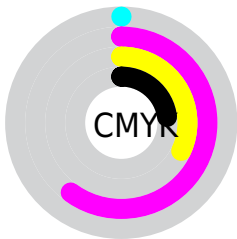
Distribution



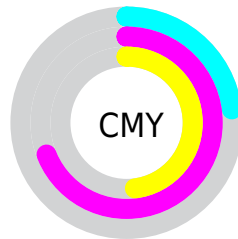
- Red (77%)
- Green (31%)
- Blue (52%)



- Red (77%)
- Yellow (31%)
- Blue (52%)



- Cyan (0%)
- Magenta (60%)
- Yellow (32%)
- Black (23%)



- Cyan (23%)
- Magenta (69%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color C44F85 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 C44F85 by changing the saturation by 10% instead.

 C44F85

 C44F85

FFFFFF

 A7336C

 FF85BA

 8B1254

 FFA1D6

 6F003D

 FFBDF2

 530027

 FFDAFF

 3B0012

 FFF7FF

 190001

 000000

 C44F85

 C44F85

 C43B7A

 C46390

 C42870

 C4769A

 C41465

 C48AA5

 C4015B

 C49DAF

 C4005A

 C4B1BA

 C4C5C4

 C4D8CF

 C4ECD9

 C4FFE4

Harmonies

Analogous

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



A55EAF



C44F85



C95158

Triad

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



C44F85



6E811D



008AC0

Complementary

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



C44F85



4FC48E

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.



008E9B



C44F85



338940

Square

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



C44F85



987316



008D6D



0081D2

Rectangle

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



C44F85



C05B3D



008D6D



008CB5

Sweetspot

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



C44F85



FFD1E6



8D4FC4



806370



000000



808080

Same Dimension

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



C44F85



FF479C



C4534F



61575C



A1004A



21000F

Inverse Universe

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



C44F85



FF479C



4FC0C4



61575C



A1004A



21000F

Previews

White Background



This preview shows how the Hex color C44F85 looks on a white background.

Color Contrast Check

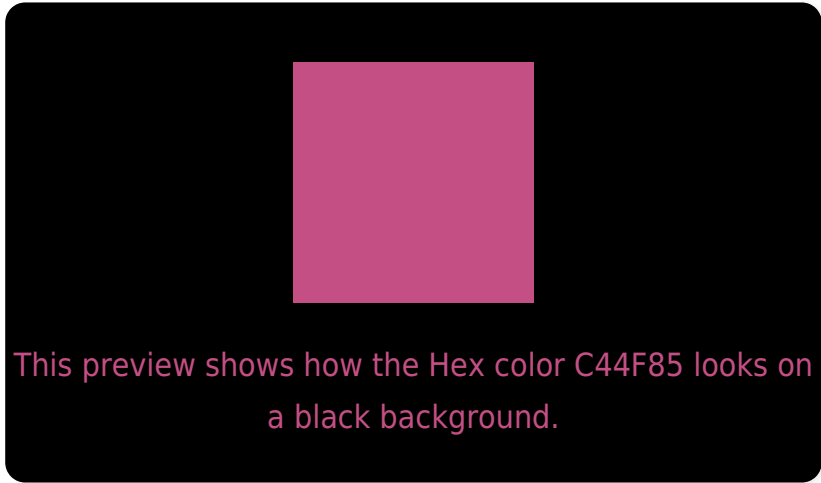
Large Text (above 18pt) WCAG AA ✓ Pass

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 C44F85 Background



This preview shows how black text looks on a background with the Hex color C44F85.



This preview shows how white text looks on a background with the Hex color C44F85.

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](#).

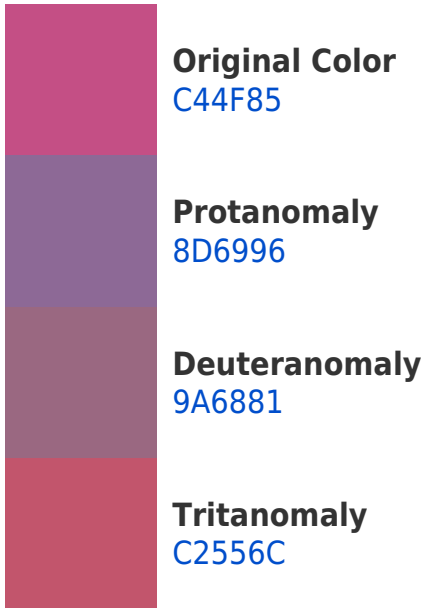
Dichromacy



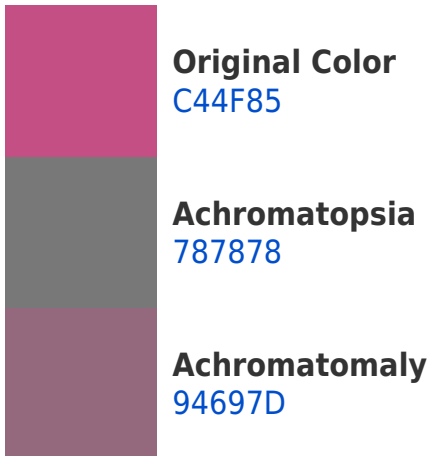


Tritanopia
C1585E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C44F85 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 #C44F85 looks like.

```
.text, #text, p{  
  color:#C44F85  
}
```

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 #C44F85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C44F85
}
```

Border

The CSS property to change the border of an element to Hex C44F85 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
#C44F85 }
```

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

```
.border{ border-color:#C44F85 }
```

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

Here you see how a box with a 4 pixel #C44F85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C44F85; -webkit-box-shadow:4px 4px  
4px 4px #C44F85; box-shadow:4px 4px 4px  
4px #C44F85 }
```

Background

The CSS property to change the background color of an element to Hex C44F85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C44F85 }
```

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

```
.background{ background-color:#C44F85 }
```

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