

# Converting Colors

Hex(C95787)

Have a look what the booklet for  
Hex(C95787) contains.

<b>Hex(C95787)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C95787)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C95787
RGB	201, 87, 135
RGB Percent	79%, 34%, 53%
CMY	0.2118, 0.6588, 0.4706
CMYK	0.00, 0.57, 0.33, 0.21
HSL	335°, 51%, 56%
HSV	335°, 57%, 79%
XYZ	31.8688, 20.9832, 25.2922
YIQ	126.5580, 52.5360, 39.0960

# Conversions

## Conversions Part 2

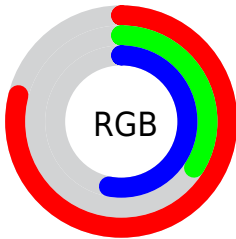
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 87, 135
Decimal	13195143
CIE <sub>Lab</sub>	52.93, 50.24, -4.10
CIE <sub>LCh</sub>	53, 50.409, 355.338
Yxy	20.9832, 0.4078, 0.2685
Android (android.graphics.Color)	4291385223 (0xFFC95787)
YUV	126.5580, 4.1619, 65.2856
Hunter-Lab	45.8074, 44.0217, -0.6713

# Details

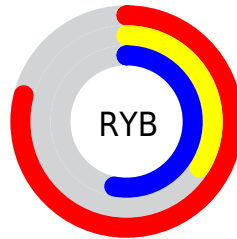
The Hex color **C95787** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **57C999**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8DBC**, and **8F1F55** is the 20% darker color. If you saturate the color by 10%, you get **C9437B**, and if you desaturate by 10%, it is **C96B93**.

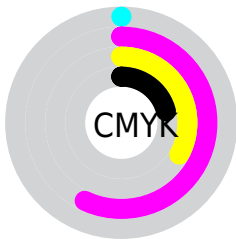
# Distribution



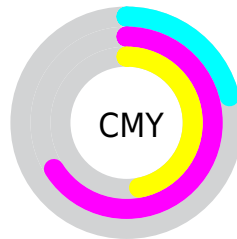
- Red (79%)
- Green (34%)
- Blue (53%)



- Red (79%)
- Yellow (34%)
- Blue (53%)



- Cyan (0%)
- Magenta (57%)
- Yellow (33%)
- Black (21%)



- Cyan (21%)
- Magenta (66%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C95787 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 C95787 by changing the saturation by 10% instead.



 C95787

 C95787

FFFFFF

 AC3C6E

 FF8DBC

 8F1F55

 FFA9D8

 73003E

 FFC5F4

 580029

 FFE2FF

 3E0014

 220001

 000000

 C95787

 C95787

 C9437B

 C96B93

 C92F70

 C97F9E

 C91B64

 C993AA

 C90758

 C9A7B6

 C90055

 C9BCC1

 C9D0CD

 C9E4D8

 C9F8E4

 C9FFF0

# Harmonies

## Analogous

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



AD63B0



C95787



CC5A5C

# Triad

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



C95787



71872A



008FC5

# Complementary

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



C95787



57C999

# 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.



0093A2



C95787



388F4B

# Square

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



C95787



9B7A21



009376



0085D5

# Rectangle

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



C95787



C36342



009376



0091BB



# Sweetspot

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



C95787



FFD4E6



9857C9



806671



000000



808080



# Same Dimension

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



C95787



FF529B



C95F57



635A5E



A30045



24000F



# Inverse Universe

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



C95787



FF529B



57C1C9



635A5E



A30045



24000F



# Previews

## White Background



This preview shows how the Hex color C95787 looks on a white background.

## Color Contrast Check

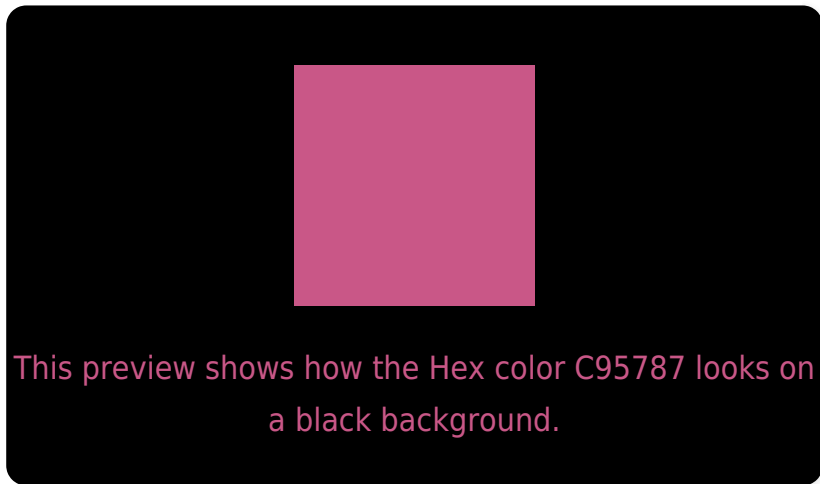
Large Text (above 18pt) WCAG AA ✓ Pass

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

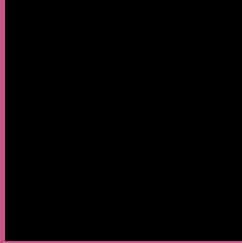
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C95787 Background



This preview shows how black text looks on a background with the Hex color C95787.




This preview shows how white text looks on a background with the Hex color C95787.

# 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](#).

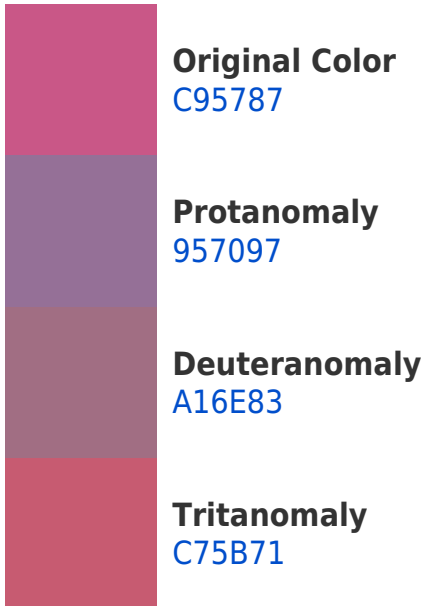
## Dichromacy





**Tritanopia**  
C65E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C95787 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 #C95787 looks like.

```
.text, #text, p{  
    color:#C95787  
}
```

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 #C95787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C95787
}
```

## Border

The CSS property to change the border of an element to Hex C95787 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
#C95787 }
```

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

```
.border{ border-color:#C95787 }
```

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

Here you see how a box with a 4 pixel #C95787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C95787; -webkit-box-shadow:4px 4px  
4px 4px #C95787; box-shadow:4px 4px 4px  
4px #C95787 }
```

# Background

The CSS property to change the background color of an element to Hex C95787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C95787 }
```

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

```
.background{ background-color:#C95787 }
```

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