

# Converting Colors

Hex(C95B83)

Have a look what the booklet for  
Hex(C95B83) contains.

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**Color**

**Hex(C95B83)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C95B83
RGB	201, 91, 131
RGB Percent	79%, 36%, 51%
CMY	0.2118, 0.6431, 0.4863
CMYK	0.00, 0.55, 0.35, 0.21
HSL	338°, 50%, 57%
HSV	338°, 55%, 79%
XYZ	31.9252, 21.5384, 23.9474
YIQ	128.4500, 52.7200, 35.7600

# Conversions

## Conversions Part 2

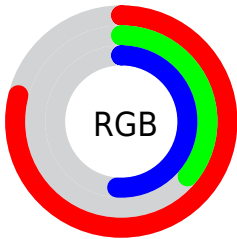
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 91, 131
Decimal	13196163
CIE <sub>Lab</sub>	53.53, 47.85, -0.84
CIE <sub>LCh</sub>	54, 47.857, 358.996
Yxy	21.5384, 0.4124, 0.2782
Android (android.graphics.Color)	4291386243 (0xFFC95B83)
YUV	128.4500, 1.2572, 63.6264
Hunter-Lab	46.4095, 41.5742, 1.8928

# Details

The Hex color **C95B83** 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 **5BC9A1**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF91B8**, and **8F2552** is the 20% darker color. If you saturate the color by 10%, you get **C94776**, and if you desaturate by 10%, it is **C96F90**.

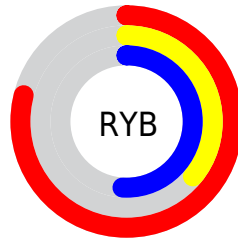
# Distribution



Red (79%)

Green (36%)

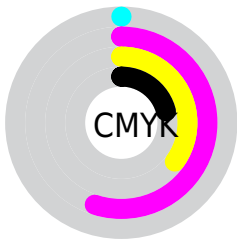
Blue (51%)



Red (79%)

Yellow (36%)

Blue (51%)

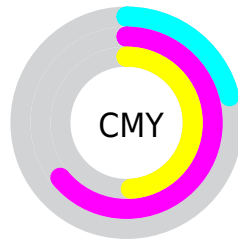


Cyan (0%)

Magenta (55%)

Yellow (35%)

Black (21%)



Cyan (21%)

Magenta (64%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C95B83 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 C95B83 by changing the saturation by 10% instead.



 C95B83

 C95B83

FFFFFF

 AC406A

 FF91B8

 8F2552

 FFACD3

 73003B

 FFC9F0

 580025

 FFE5FF

 3E0010

 220001

 000000

 C95B83

 C95B83

 C94776

 C96F90

 C93369

 C9839D

 C91F5D

 C997A9

 C90B50

 C9ABB6

 C90049

 C9C0C3

 C9D4D0

 C9E8DD

 C9FCE9

 C9FFF6

# Harmonies

## Analogous

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



B165AB



C95B83



CA5F5A

# Triad

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



C95B83



6F8933



008FC6

# Complementary

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



C95B83



5BC9A1

# 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.



0094A7



C95B83



369154

# Square

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



C95B83



987D28



00947D



1385D2

# Rectangle

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



C95B83



BF6943



00947D



0091BD



# Sweetspot

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



C95B83



FFD6E5



A15BC9



806770



000000



808080



# Same Dimension

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



C95B83



FF5794



C96A5B



635A5D



A3003B



24000D



# Inverse Universe

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



C95B83



FF5794



5BBAC9



635A5D



A3003B



24000D



# Previews

## White Background



This preview shows how the Hex color C95B83 looks on a white background.

## Color Contrast Check

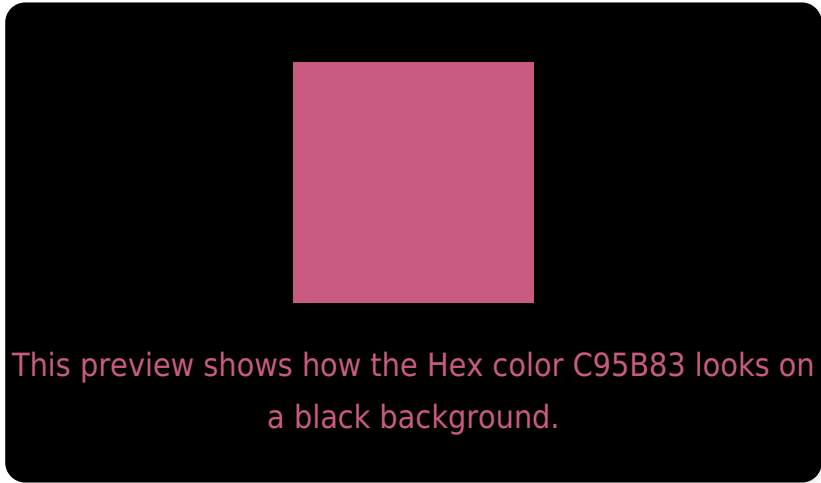
Large Text (above 18pt) WCAG AA ✓ Pass

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 C95B83 Background



This preview shows how black text looks on a background with the Hex color C95B83.



This preview shows how white text looks on a background with the Hex color C95B83.

# 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**  
C76067

# Trichromacy



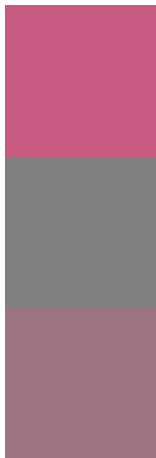
**Original Color**  
C95B83

**Protanomaly**  
977291

**Deuteranomaly**  
A37080

**Tritanomaly**  
C85E71

# Monochromacy



**Original Color**  
C95B83

**Achromatopsia**  
808080

**Achromatomaly**  
9B7381

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C95B83 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 #C95B83 looks like.

```
.text, #text, p{  
    color:#C95B83  
}
```

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 #C95B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C95B83
}
```

## Border

The CSS property to change the border of an element to Hex C95B83 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
#C95B83 }
```

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

```
.border{ border-color:#C95B83 }
```

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

Here you see how a box with a 4 pixel #C95B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C95B83; -webkit-box-shadow:4px 4px  
4px 4px #C95B83; box-shadow:4px 4px 4px  
4px #C95B83 }
```

# Background

The CSS property to change the background color of an element to Hex C95B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C95B83 }
```

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

```
.background{ background-color:#C95B83 }
```

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](#).



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