

Converting Colors

Hex(CA5F83)

Have a look what the booklet for
Hex(CA5F83) contains.

Hex(CA5F83)	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(CA5F83)

Conversions

Conversions Part 1

Format	Color
Hex	CA5F83
RGB	202, 95, 131
RGB Percent	79%, 37%, 51%
CMY	0.2078, 0.6275, 0.4863
CMYK	0.00, 0.53, 0.35, 0.21
HSL	340°, 50%, 58%
HSV	340°, 53%, 79%
XYZ	32.5461, 22.3797, 24.0771
YIQ	131.0970, 52.2160, 33.8800

Conversions

Conversions Part 2

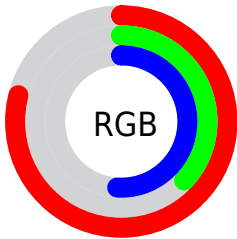
Format	Color
R_{YB}	202, 95, 131
Decimal	13262723
CIE _{Lab}	54.43, 46.24, 0.48
CIE _{LCh}	54, 46.238, 0.600
Yxy	22.3797, 0.4120, 0.2833
Android (android.graphics.Color)	4291452803 (0xFFCA5F83)
YUV	131.0970, -0.0478, 62.1819
Hunter-Lab	47.3072, 40.0157, 2.9392

Details

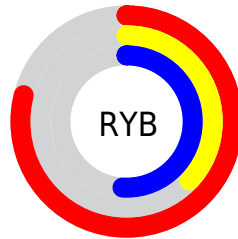
The Hex color **CA5F83** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5FCAA6**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF95B8**, and **912A52** is the 20% darker color. If you saturate the color by 10%, you get **CA4B76**, and if you desaturate by 10%, it is **CA7390**.

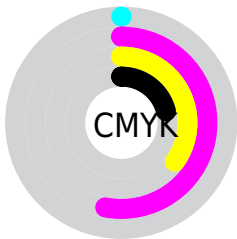
Distribution



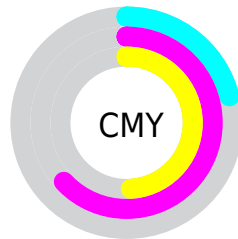
- Red (79%)
- Green (37%)
- Blue (51%)



- Red (79%)
- Yellow (37%)
- Blue (51%)



- Cyan (0%)
- Magenta (53%)
- Yellow (35%)
- Black (21%)



- Cyan (21%)
- Magenta (63%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA5F83 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 CA5F83 by changing the saturation by 10% instead.

CA5F83

CA5F83

FFFFFF

AD456A

FF95B8

912A52

FFB0D3

75083B

FFCDF0

590025

FFE9FF

3F0010

240001

000000

CA5F83

CA5F83

CA4B76

CA7390

 CA3768

 CA879E

 CA225B

 CA9CAB

 CA0E4D

 CAB0B9

 CA0044

 CAC4C6

 CAD8D3

 CAECE1

 CAFFEE

 CAFFFC

Harmonies

Analogous

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



B468AA



CA5F83



CA645C

Triad

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



CA5F83



6F8C3A



0090C7

Complementary

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



CA5F83



5FCAA6

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.



0095AA



CA5F83



399359

Square

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



CA5F83



98802E



009682



2F86D2

Rectangle

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



CA5F83



BF6D46



009682



0093BF

Sweetspot

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



CA5F83



FFD6E4



A55FCA



80676F



000000



808080

Same Dimension

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



CA5F83



FF5C93



CA6F5F



665C5F



A60038



26000D

Inverse Universe

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



CA5F83



FF5C93



5FBACA



665C5F



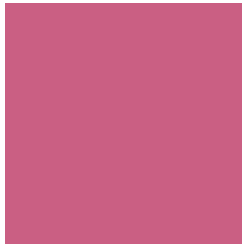
A60038



26000D

Previews

White Background



This preview shows how the Hex color CA5F83 looks on a white background.

Color Contrast Check

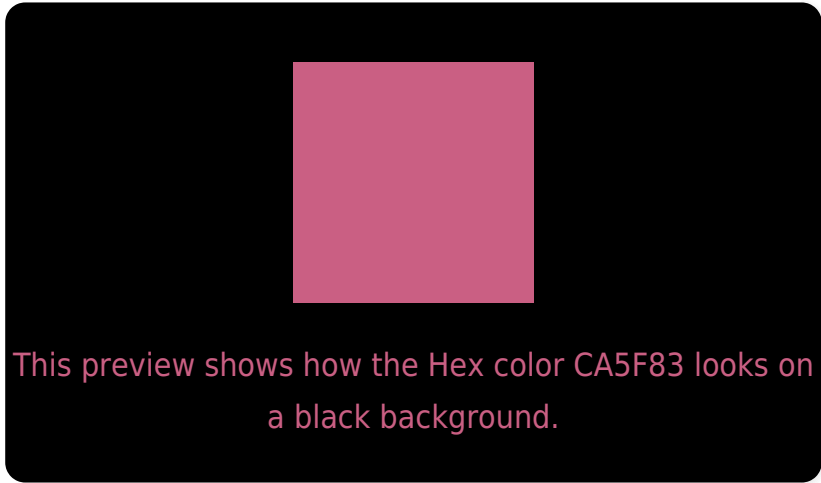
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA5F83 Background



This preview shows how black text looks on a background with the Hex color CA5F83.

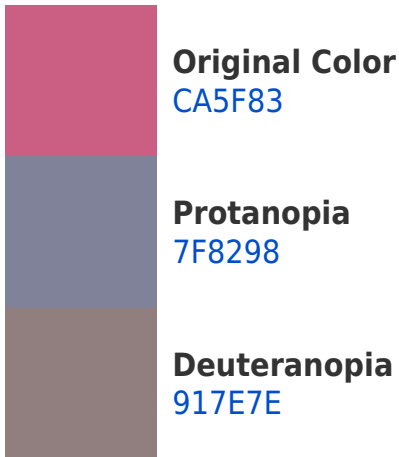


This preview shows how white text looks on a background with the Hex color CA5F83.

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](#).

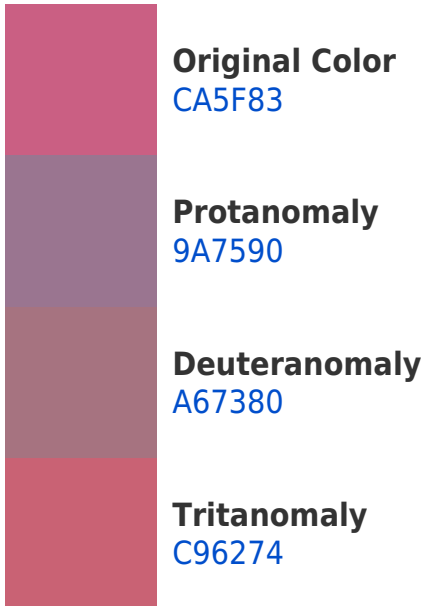
Dichromacy





Tritanopia
C8646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA5F83 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 #CA5F83 looks like.

```
.text, #text, p{  
    color:#CA5F83  
}
```

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 #CA5F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA5F83  
}
```

Border

The CSS property to change the border of an element to Hex CA5F83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

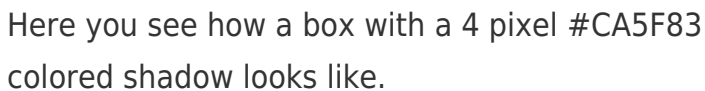
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CA5F83 }
```

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

```
.border{ border-color:#CA5F83 }
```

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



Here you see how a box with a 4 pixel #CA5F83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA5F83; -webkit-box-shadow:4px 4px  
4px 4px #CA5F83; box-shadow:4px 4px 4px  
4px #CA5F83 }
```

Background

The CSS property to change the background color of an element to Hex CA5F83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA5F83 }
```

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

```
.background{ background-color:#CA5F83 }
```

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