

Converting Colors

Hex(C83566)

Have a look what the booklet for
Hex(C83566) contains.

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Color

Hex(C83566)

Conversions

Conversions Part 1

Format	Color
Hex	C83566
RGB	200, 53, 102
RGB Percent	78%, 21%, 40%
CMY	0.2157, 0.7922, 0.6000
CMYK	0.00, 0.73, 0.49, 0.22
HSL	340°, 58%, 50%
HSV	340°, 74%, 78%
XYZ	27.4908, 15.7849, 14.1682
YIQ	102.5390, 71.8830, 46.4030

Conversions

Conversions Part 2

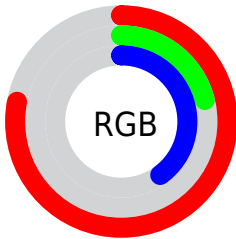
Format	Color
R_{YB}	200, 53, 102
Decimal	13120870
CIE _{Lab}	46.69, 60.44, 6.74
CIE _{LCh}	47, 60.818, 6.363
Yxy	15.7849, 0.4786, 0.2748
Android (android.graphics.Color)	4291310950 (0xFFC83566)
YUV	102.5390, -0.2657, 85.4733
Hunter-Lab	39.7302, 53.9830, 6.6676

Details

The Hex color **C83566** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **35C897**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6F99**, and **8C0038** is the 20% darker color. If you saturate the color by 10%, you get **C82159**, and if you desaturate by 10%, it is **C84973**.

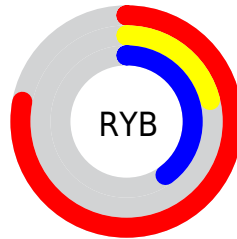
Distribution



Red (78%)

Green (21%)

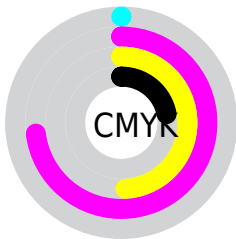
Blue (40%)



Red (78%)

Yellow (21%)

Blue (40%)

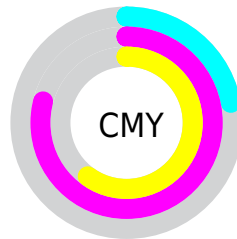


Cyan (0%)

Magenta (73%)

Yellow (49%)

Black (22%)



Cyan (22%)

Magenta (79%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color C83566 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 C83566 by changing the saturation by 10% instead.

 C83566

 C83566

FFFFFF

 AA0D4E

 FF6F99

 8C0038

 FF8CB3

 6F0023

 FFA8CF

 52000C

 FFC5EB

 370002

 FFE2FF

 080000

 000000

 C83566

 C83566

 C82159

 C84973

 C80D4B

 C85D81

 C80043

 C8718E

 C8859B

 C899A9

 C8ADB6

 C8C1C3

 C8D5D1

 C8E9DE

Harmonies

Analogous

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



B34299



C83566



C14435

Triad

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



C83566



457C0A



007FCC

Complementary

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



C83566



35C897

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.



0085AA



C83566



008343

Square

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



C83566



7C7000



008679



0071D5

Rectangle

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



C83566



B05514



008679



0081C3

Sweetspot

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



C83566



FFC7DA



9735C8



805E69



000000



808080

Same Dimension

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



C83566



FF1F69



C84E35



635A5D



A30036



24000C

Inverse Universe

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



C83566



FF1F69



35AFC8



635A5D



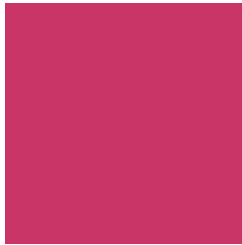
A30036



24000C

Previews

White Background



This preview shows how the Hex color C83566 looks on a white background.

Color Contrast Check

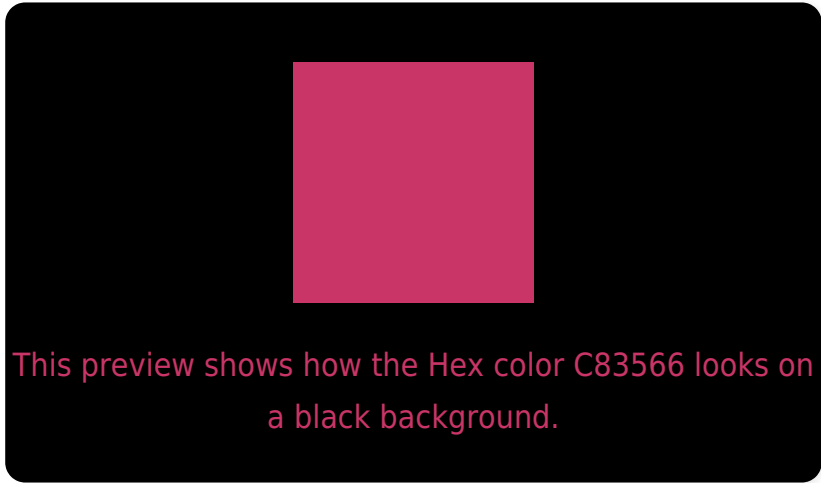
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex C83566 Background



This preview shows how black text looks on a background with the Hex color C83566.




This preview shows how white text looks on a background with the Hex color C83566.

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](#).

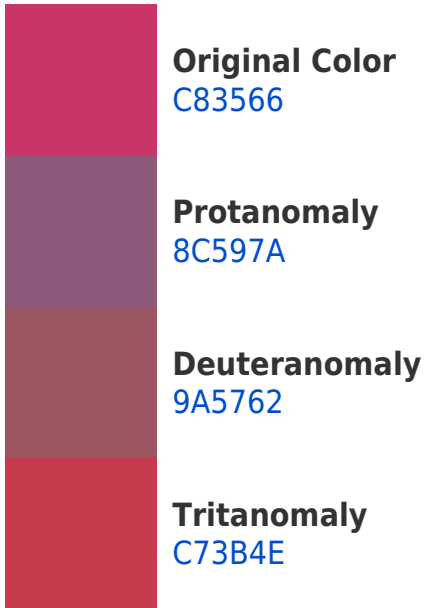
Dichromacy





Tritanopia
C63E41

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C83566 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 #C83566 looks like.

```
.text, #text, p{  
    color:#C83566  
}
```

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 #C83566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C83566
}
```

Border

The CSS property to change the border of an element to Hex C83566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

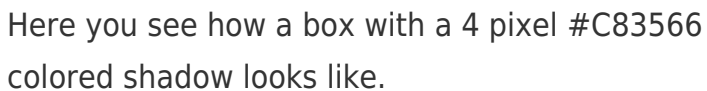
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C83566 }
```

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

```
.border{ border-color:#C83566 }
```

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



Here you see how a box with a 4 pixel `#C83566` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C83566; -webkit-box-shadow:4px 4px  
4px 4px #C83566; box-shadow:4px 4px 4px  
4px #C83566 }
```

Background

The CSS property to change the background color of an element to Hex C83566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C83566 }
```

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

```
.background{ background-color:#C83566 }
```

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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