

Converting Colors

Hex(CB395D)

Have a look what the booklet for
Hex(CB395D) contains.

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Color

Hex(CB395D)

Conversions

Conversions Part 1

Format	Color
Hex	CB395D
RGB	203, 57, 93
RGB Percent	80%, 22%, 36%
CMY	0.2039, 0.7765, 0.6353
CMYK	0.00, 0.72, 0.54, 0.20
HSL	345°, 58%, 51%
HSV	345°, 72%, 80%
XYZ	28.0675, 16.4131, 12.0446
YIQ	104.7580, 75.4600, 42.1480

Conversions

Conversions Part 2

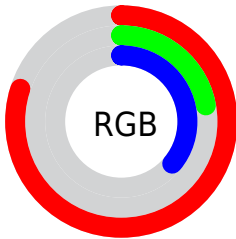
Format	Color
RYB	203, 57, 93
Decimal	13318493
CIELab	47.51, 59.20, 13.50
CIELCh	48, 60.721, 12.841
Yxy	16.4131, 0.4965, 0.2904
Android (android.graphics.Color)	4291508573 (0xFFFCB395D)
YUV	104.7580, -5.7967, 86.1582
Hunter-Lab	40.5131, 52.7672, 10.7321

Details

The Hex color **CB395D** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **39CBA7**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF738F**, and **8F0030** is the 20% darker color. If you saturate the color by 10%, you get **CB254E**, and if you desaturate by 10%, it is **CB4D6C**.

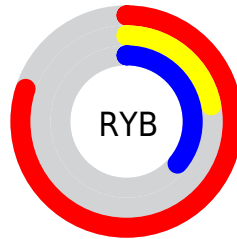
Distribution



Red (80%)

Green (22%)

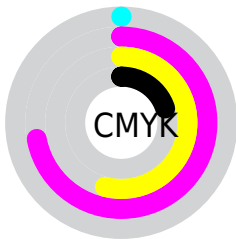
Blue (36%)



Red (80%)

Yellow (22%)

Blue (36%)

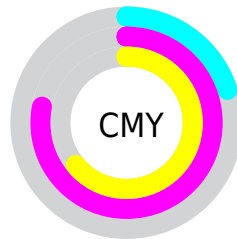


Cyan (0%)

Magenta (72%)

Yellow (54%)

Black (20%)



Cyan (20%)

Magenta (78%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB395D 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 CB395D by changing the saturation by 10% instead.

 CB395D

 CB395D


FFFFFF

 AD1546

 FF738F

 8F0030

 FF8FA9

 71001B

 FFABC5

 540000

 FFC8E0

 380002

 FFE5FD

 0E0000

 000000

 CB395D

 CB395D

 CB254E

 CB4D6C

 CB103E

 CB627C

 CB0032

 CB768B

 CB8A9A

 CB9FA9

 CBB3B9

 CBC7C8

 CBD7D7

 CBF0E7

Harmonies

Analogous

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



BD4090



CB395D



BF4C2D

Triad

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



CB395D



37801C



007FD3

Complementary

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



CB395D



39CBA7

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.



0086B5



CB395D



008651

Square

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



CB395D



747500



008886



126FD5

Rectangle

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



CB395D



AC5C09



008886



0082CC

Sweetspot

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



CB395D



FFC7D5



A739CB



805E67



000000



808080

Same Dimension

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



CB395D



FF245A



CB5E39



665C5E



A60029



260009

Inverse Universe

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



CB395D



FF245A



39A7CB



665C5E



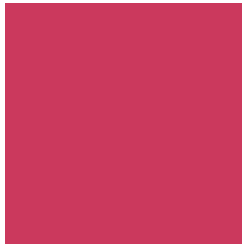
A60029



260009

Previews

White Background



This preview shows how the Hex color CB395D looks on a white background.

Color Contrast Check

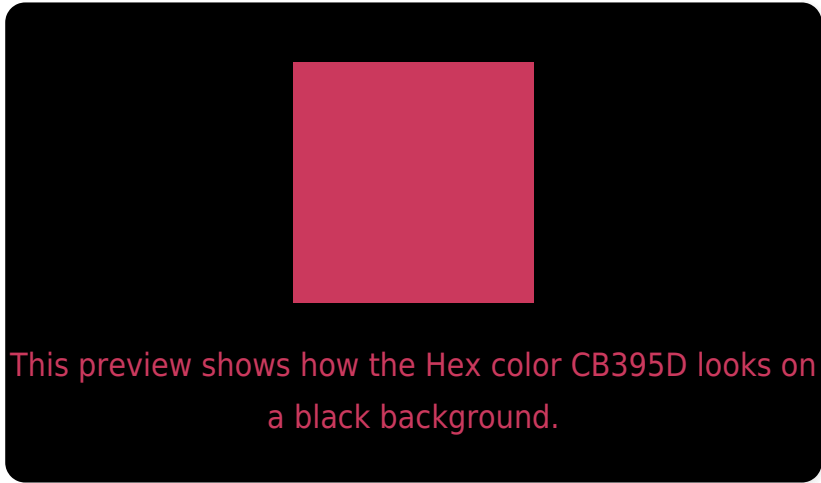
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB395D Background



This preview shows how black text looks on a background with the Hex color CB395D.

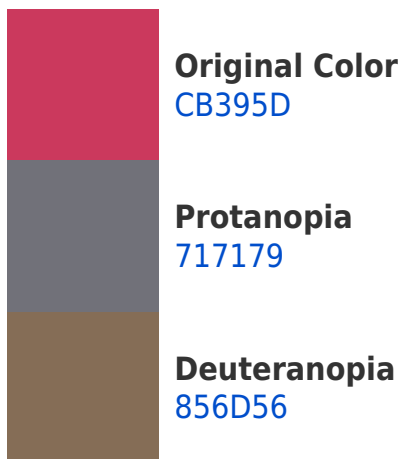


This preview shows how white text looks on a background with the Hex color CB395D.

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
CA3F42

Trichromacy



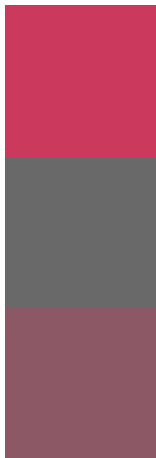
Original Color
CB395D

Protanomaly
925D6F

Deuteranomaly
9E5A59

Tritanomaly
CA3D4C

Monochromacy



Original Color
CB395D

Achromatopsia
696969

Achromatomaly
8D5865

CSS Examples

Text

The CSS property to change the color of the text to Hex CB395D 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 #CB395D looks like.

```
.text, #text, p{  
    color:#CB395D  
}
```

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 #CB395D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB395D
}
```

Border

The CSS property to change the border of an element to Hex CB395D is called "border". The border property can be set on classes, ids or directly on the HTML element.

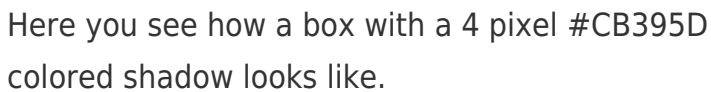
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB395D }
```

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

```
.border{ border-color:#CB395D }
```

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



Here you see how a box with a 4 pixel `#CB395D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB395D; -webkit-box-shadow:4px 4px  
4px 4px #CB395D; box-shadow:4px 4px 4px  
4px #CB395D }
```

Background

The CSS property to change the background color of an element to Hex CB395D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB395D }
```

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

```
.background{ background-color:#CB395D }
```

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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