

Converting Colors

Hex(CB396B)

Have a look what the booklet for
Hex(CB396B) contains.

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Color

Hex(CB396B)

Conversions

Conversions Part 1

Format	Color
Hex	CB396B
RGB	203, 57, 107
RGB Percent	80%, 22%, 42%
CMY	0.2039, 0.7765, 0.5804
CMYK	0.00, 0.72, 0.47, 0.20
HSL	339°, 58%, 51%
HSV	339°, 72%, 80%
XYZ	28.7456, 16.6843, 15.6153
YIQ	106.3540, 70.9660, 46.5020

Conversions

Conversions Part 2

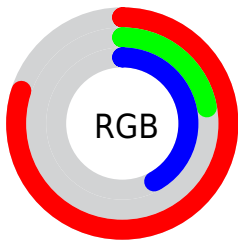
Format	Color
R_{YB}	203, 57, 107
Decimal	13318507
CIE _{Lab}	47.86, 60.36, 5.42
CIE _{LCh}	48, 60.605, 5.127
Yxy	16.6843, 0.4709, 0.2733
Android (android.graphics.Color)	4291508587 (0xFFCB396B)
YUV	106.3540, 0.3185, 84.7585
Hunter-Lab	40.8464, 54.1377, 5.9264

Details

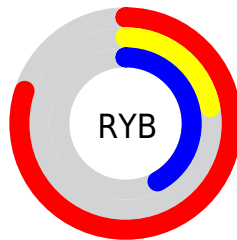
The Hex color **CB396B** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **39CB99**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF739E**, and **8F003C** is the 20% darker color. If you saturate the color by 10%, you get **CB255E**, and if you desaturate by 10%, it is **CB4D78**.

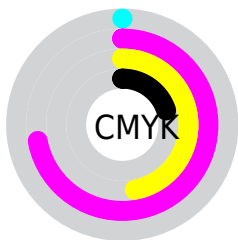
Distribution



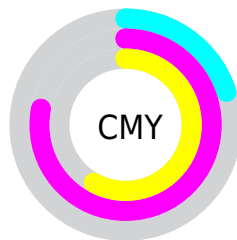
- Red (80%)
- Green (22%)
- Blue (42%)



- Red (80%)
- Yellow (22%)
- Blue (42%)



- Cyan (0%)
- Magenta (72%)
- Yellow (47%)
- Black (20%)



- Cyan (20%)
- Magenta (78%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB396B 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 CB396B by changing the saturation by 10% instead.

 CB396B

 CB396B

FFFFFF

 AD1453

 FF739E

 8F003C

 FF8FB9

 720027

 FFACD5

 550012

 FFC8F1

 3A0002

 FFE6FF

 130000

 000000

 CB396B

 CB396B

 CB255E

 CB4D78

 CB1050

 CB6286

 CB0046

 CB7693

 CB8AA0

 CB9FAE

 CBB3BB

 CBC7C8

 CBD6D6

 CBF0E3

Harmonies

Analogous

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



B5469E



CB396B



C5473A

Triad

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



CB396B



4B7F0C



0082CE

Complementary

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



CB396B



39CB99

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.



0088AB



CB396B



008644

Square

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



CB396B



817200



008979



0075D8

Rectangle

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



CB396B



B5571A



008979



0085C5

Sweetspot

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



CB396B



FFC7DA



9839CB



805E6A



000000



808080

Same Dimension

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



CB396B



FF246F



CB4F39



665C5F



A60039



26000D

Inverse Universe

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



CB396B



FF246F



39B5CB



665C5F



A60039



26000D

Previews

White Background



This preview shows how the Hex color CB396B looks on a white background.

Color Contrast Check

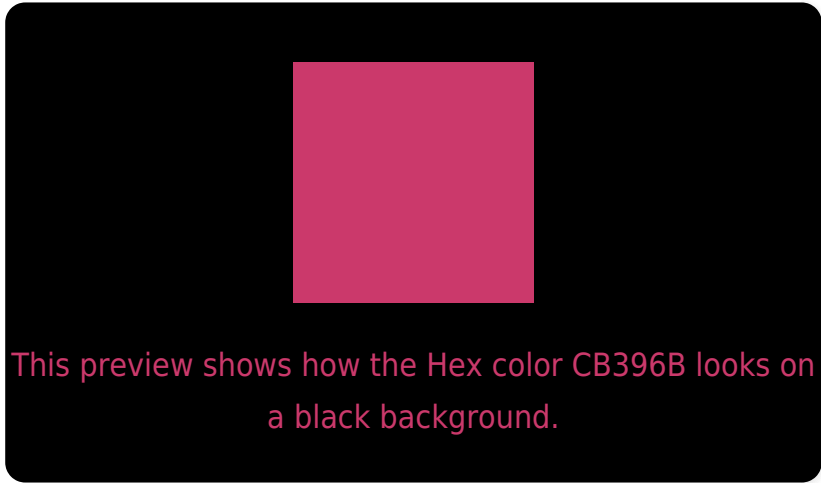
Large Text (above 18pt) WCAG AA ✓ Pass

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

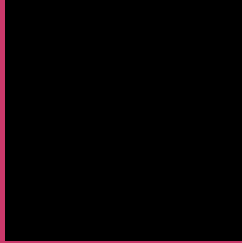
Any Text WCAG AA × Fail

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 CB396B Background



This preview shows how black text looks on a background with the Hex color CB396B.



This preview shows how white text looks on a background with the Hex color CB396B.

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



Original Color
CB396B

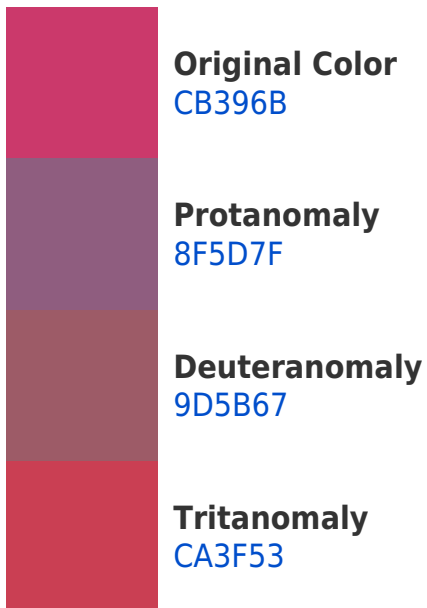
Protanopia
6D718B

Deuteranopia
826E64

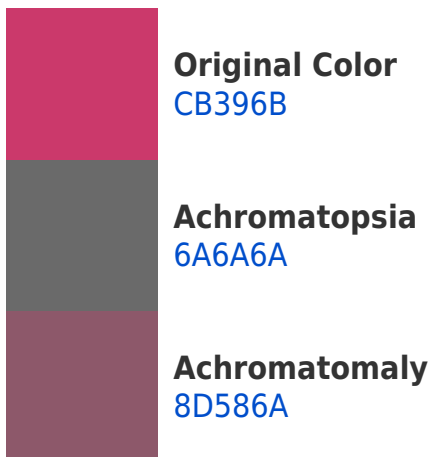


Tritanopia
C94245

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB396B 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 #CB396B looks like.

```
.text, #text, p{  
    color:#CB396B  
}
```

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 #CB396B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB396B }  
}
```

Border

The CSS property to change the border of an element to Hex CB396B 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 #CB396B }  
}
```

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

```
.border{ border-color:#CB396B }
```

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

Here you see how a box with a 4 pixel #CB396B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB396B; -webkit-box-shadow:4px 4px  
4px 4px #CB396B; box-shadow:4px 4px 4px  
4px #CB396B }
```

Background

The CSS property to change the background color of an element to Hex CB396B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB396B }
```

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

```
.background{ background-color:#CB396B }
```

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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