

Converting Colors

Hex(CB0266)

Have a look what the booklet for
Hex(CB0266) contains.

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Color

Hex(CB0266)

Conversions

Conversions Part 1

Format	Color
Hex	CB0266
RGB	203, 2, 102
RGB Percent	80%, 1%, 40%
CMY	0.2039, 0.9922, 0.6000
CMYK	0.00, 0.99, 0.50, 0.20
HSL	330°, 98%, 40%
HSV	330°, 99%, 80%
XYZ	27.0486, 13.6992, 13.7890
YIQ	73.4990, 87.6960, 73.7120

Conversions

Conversions Part 2

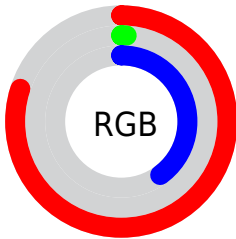
Format	Color
R_{YB}	203, 2, 102
Decimal	13304422
CIE _{Lab}	43.80, 71.13, 2.67
CIE _{LCh}	44, 71.179, 2.146
Yxy	13.6992, 0.4960, 0.2512
Android (android.graphics.Color)	4291494502 (0xFFCB0266)
YUV	73.4990, 14.0510, 113.5724
Hunter-Lab	37.0125, 65.6753, 3.8203

Details

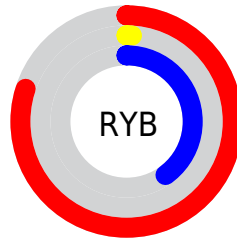
The Hex color **CB0266** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **02CB67**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF5899**, and **8E0038** is the 20% darker color. If you saturate the color by 10%, you get **CB0065**, and if you desaturate by 10%, it is **CB1670**.

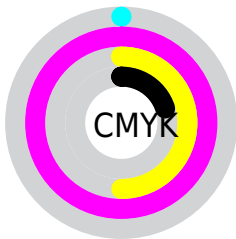
Distribution



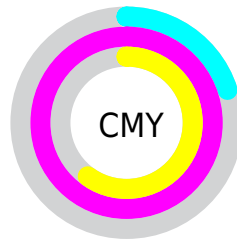
- Red (80%)
- Green (1%)
- Blue (40%)



- Red (80%)
- Yellow (1%)
- Blue (40%)



- Cyan (0%)
- Magenta (99%)
- Yellow (50%)
- Black (20%)



- Cyan (20%)
- Magenta (99%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB0266 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 CB0266 by changing the saturation by 10% instead.

 CB0266

 CB0266

FFFFFF

 AC004E

 FF5899

 8E0038

 FF76B3

 700023

 FF93CF

 53000C

 FFB1EB

 350002

 FFCEFF

 030000

 FFECFF

 000000

 CB0266

 CB0266

 CB0065

 CB1670

 CB2B7A

 CB3F85

 CB538F

 CB6899

 CB7CA3

 CB90AD

 CBA4B8

 CBB9C2

Harmonies

Analogous

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



AF2FA0



CB0266



C6282C

Triad

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



CB0266



3D7500



007BD1

Complementary

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



CB0266



02CB67

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.



0080A5



CB0266



007D2B

Square

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



CB0266



7B6700



00806A



006EDF

Rectangle

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



CB0266



B44300



00806A



007EC5

Sweetspot

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



CB0266



FFB3D9



6602CB



805268



000000



808080

Same Dimension

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



CB0266



FF007F



CB0202



665C61



A60052



260013

Inverse Universe

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



CB0266



FF007F



02CBCB



665C61



A60052



260013

Previews

White Background



This preview shows how the Hex color CB0266 looks on a white background.

Color Contrast Check

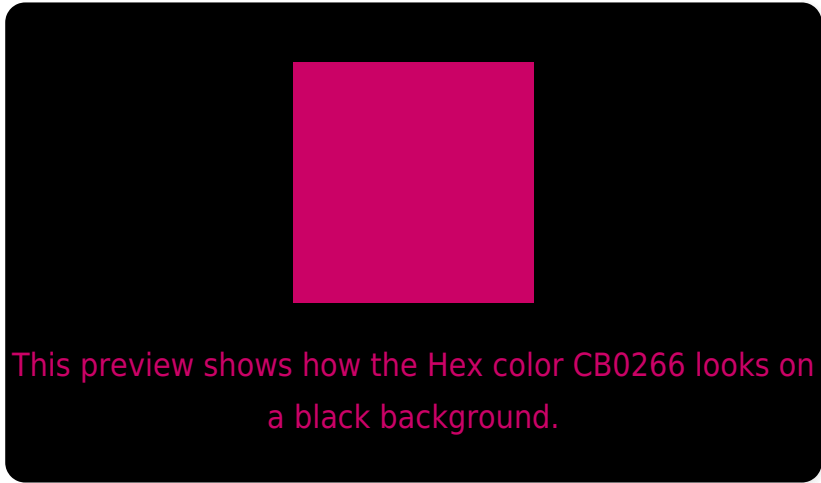
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB0266 Background



This preview shows how black text looks on a background with the Hex color CB0266.

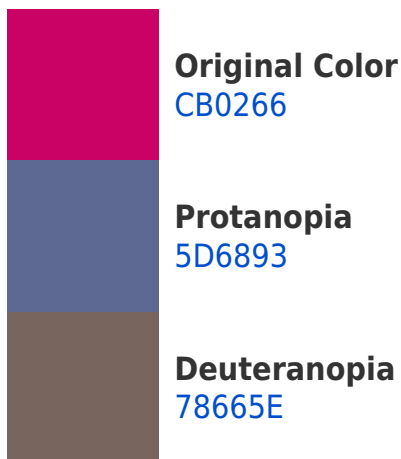



This preview shows how white text looks on a background with the Hex color CB0266.

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
C82929

Trichromacy



Original Color
CB0266



Protanomaly
854383



Deuteranomaly
964261



Tritanomaly
C91B3F

Monochromacy



Original Color
CB0266



Achromatopsia
494949



Achromatomaly
782F54

CSS Examples

Text

The CSS property to change the color of the text to Hex CB0266 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 #CB0266 looks like.

```
.text, #text, p{  
    color:#CB0266  
}
```

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 #CB0266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB0266
}
```

Border

The CSS property to change the border of an element to Hex CB0266 is called "border". The border property can be set on classes, ids or directly on the HTML element.

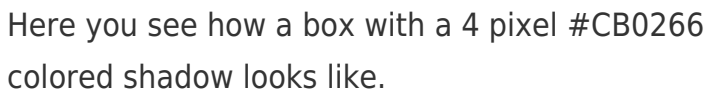
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB0266 }
```

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

```
.border{ border-color:#CB0266 }
```

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



Here you see how a box with a 4 pixel `#CB0266` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB0266; -webkit-box-shadow:4px 4px  
4px 4px #CB0266; box-shadow:4px 4px 4px  
4px #CB0266 }
```

Background

The CSS property to change the background color of an element to Hex CB0266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB0266 }
```

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

```
.background{ background-color:#CB0266 }
```

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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