

# Converting Colors

Hex(CA0565)

Have a look what the booklet for  
Hex(CA0565) contains.

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# Color

**Hex(CA0565)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA0565
RGB	202, 5, 101
RGB Percent	79%, 2%, 40%
CMY	0.2078, 0.9804, 0.6039
CMYK	0.00, 0.98, 0.50, 0.21
HSL	331°, 95%, 41%
HSV	331°, 98%, 79%
XYZ	26.7604, 13.6047, 13.5275
YIQ	74.8470, 86.5960, 71.6200

# Conversions

## Conversions Part 2

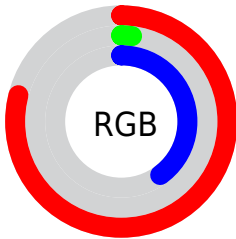
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 5, 101
Decimal	13239653
CIE Lab	43.66, 70.55, 3.07
CIE LCh	44, 70.618, 2.489
Yxy	13.6047, 0.4966, 0.2524
Android (android.graphics.Color)	4291429733 (0xFFCA0565)
YUV	74.8470, 12.8934, 111.5132
Hunter-Lab	36.8845, 64.9569, 4.0745

# Details

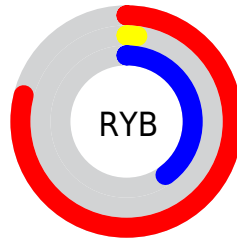
The Hex color **CA0565** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **05CA6A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5898**, and **8D0037** is the 20% darker color. If you saturate the color by 10%, you get **CA0062**, and if you desaturate by 10%, it is **CA196F**.

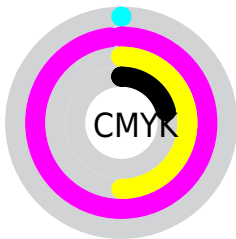
# Distribution



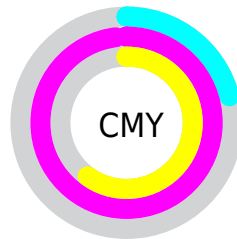
- Red (79%)
- Green (2%)
- Blue (40%)



- Red (79%)
- Yellow (2%)
- Blue (40%)



- Cyan (0%)
- Magenta (98%)
- Yellow (50%)
- Black (21%)



- Cyan (21%)
- Magenta (98%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA0565 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 CA0565 by changing the saturation by 10% instead.



 CA0565

 CA0565

FFFFFF

 AB004D

 FF5898

 8D0037

 FF76B2

 6F0022

 FF94CE

 52000A

 FFB1EA

 340002

 FFCFFF

 000000

 FFEDFF

 CA0565

 CA0565

 CA0062

 CA196F

 CA2D7A

 CA4284

 CA568E

 CA6A99

 CA7EA3

 CA92AD

 CAA7B8

 CABBC2

# Harmonies

## Analogous

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



AF2F9E



CA0565



C42A2C

# Triad

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



CA0565



3C7500



007BD0

# Complementary

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



CA0565



05CA6A

# 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



CA0565



007C2C

# Square

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



CA0565



7A6700



007F6B



006EDE

# Rectangle

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



CA0565



B34300



007F6B



007DC4



# Sweetspot

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



CA0565



FFB5D9



6805CA



805369



000000



808080



# Same Dimension

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



CA0565



FF007C



CA0505



665C61



A60051



260013



# Inverse Universe

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



CA0565



FF007C



05CACA



665C61



A60051



260013



# Previews

## White Background



This preview shows how the Hex color CA0565 looks on a white background.

### Color Contrast Check

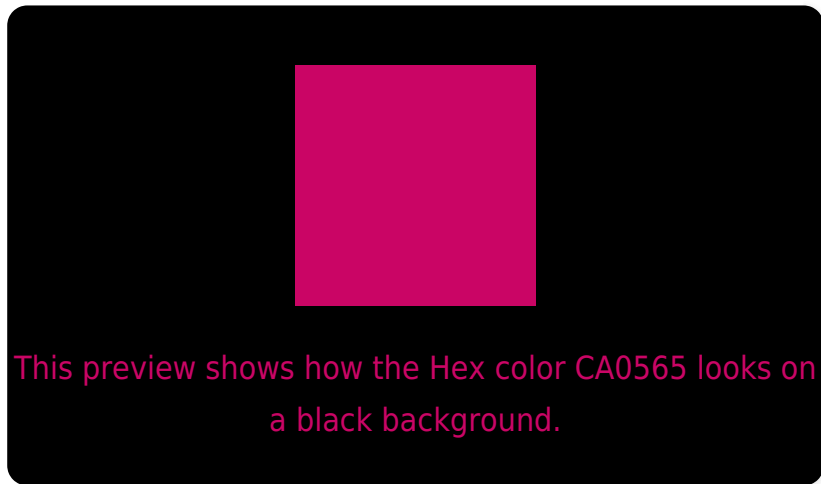
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA0565 Background



This preview shows how black text looks on a background with the Hex color CA0565.



This preview shows how white text looks on a background with the Hex color CA0565.

# 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**  
C72828

# Trichromacy



**Original Color**  
CA0565



**Protanomaly**  
854482



**Deuteranomaly**  
964260

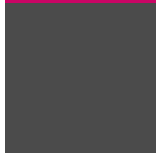


**Tritanomaly**  
C81B3E

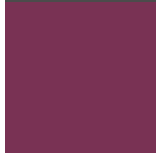
# Monochromacy



**Original Color**  
CA0565



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
793254

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA0565 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 #CA0565 looks like.

```
.text, #text, p{  
    color:#CA0565  
}
```

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 #CA0565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA0565
}
```

## Border

The CSS property to change the border of an element to Hex CA0565 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
#CA0565 }
```

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

```
.border{ border-color:#CA0565 }
```

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

Here you see how a box with a 4 pixel #CA0565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA0565; -webkit-box-shadow:4px 4px  
4px 4px #CA0565; box-shadow:4px 4px 4px  
4px #CA0565 }
```

# Background

The CSS property to change the background color of an element to Hex CA0565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA0565 }
```

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

```
.background{ background-color:#CA0565 }
```

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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