

# Converting Colors

Hex(CC0EA5)

Have a look what the booklet for  
Hex(CC0EA5) contains.

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# Color

Hex(**CC0EA5**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC0EA5
RGB	204, 14, 165
RGB Percent	80%, 5%, 65%
CMY	0.2000, 0.9451, 0.3529
CMYK	0.00, 0.93, 0.19, 0.20
HSL	312°, 87%, 43%
HSV	312°, 93%, 80%
XYZ	31.8504, 15.8681, 36.9814
YIQ	88.0240, 64.7690, 87.2410

# Conversions

## Conversions Part 2

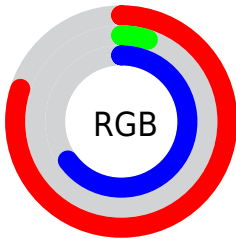
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 14, 165
Decimal	13373093
CIE Lab	46.80, 76.60, -31.26
CIE LCh	47, 82.734, 337.797
Yxy	15.8681, 0.3760, 0.1873
Android (android.graphics.Color)	4291563173 (0xFFCC0EA5)
YUV	88.0240, 37.9492, 101.7110
Hunter-Lab	39.8347, 73.0114, -27.1589

# Details

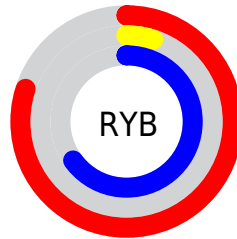
The Hex color **CC0EA5** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **0ECC35**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF5EDC**, and **910071** is the 20% darker color. If you saturate the color by 10%, you get **CC00A2**, and if you desaturate by 10%, it is **CC22A9**.

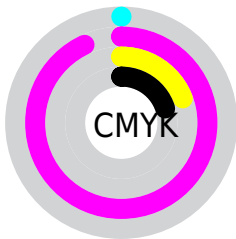
# Distribution



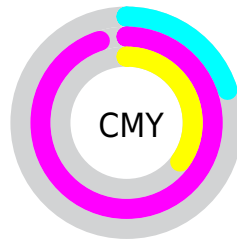
- Red (80%)
- Green (5%)
- Blue (65%)



- Red (80%)
- Yellow (5%)
- Blue (65%)



- Cyan (0%)
- Magenta (93%)
- Yellow (19%)
- Black (20%)



- Cyan (20%)
- Magenta (95%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC0EA5 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 CC0EA5 by changing the saturation by 10% instead.



 CC0EA5

 CC0EA5

FFFFFF

 AE008A

 FF5EDC

 910071

 FF7CF9

 740058

 FF9AFF

 570040

 FFB8FF

 3D002A

 FFD5FF

 1D0013

 FFF3FF

 000000

 CC0EA5

 CC0EA5

 CC00A2

 CC22A9

 CC37AD

 CC4BB2

 CC60B6

 CC74BA

 CC88BE

 CC9DC2

 CCB1C6

 CCC6CB

# Harmonies

## Analogous

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



8151DF



CC0EA5



E40060

# Triad

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



CC0EA5



787200



008BC4

# Complementary

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



CC0EA5



0ECC35

# 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.



008B80



CC0EA5



1E8100

# Square

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



CC0EA5



B05700



008836



0084F1

# Rectangle

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



CC0EA5



DF0033



008836



008BAF



# Sweetspot

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



CC0EA5



FFB8F0



340ECC



805477



000000



808080



# Same Dimension

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



CC0EA5



FF00CB



CC0E47



665C64



A60084



26001E



# Inverse Universe

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



CC0EA5



FF00CB



0ECC93



665C64



A60084



26001E



# Previews

## White Background



This preview shows how the Hex color CC0EA5 looks on a white background.

## Color Contrast Check

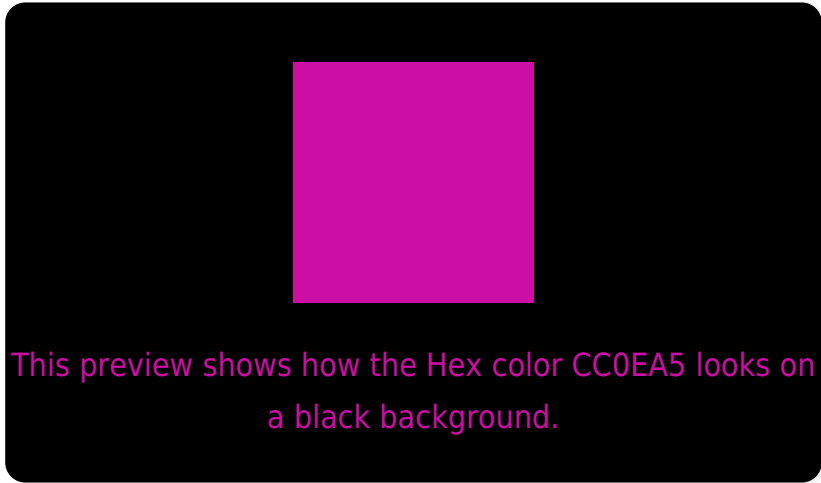
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC0EA5 Background



This preview shows how black text looks on a background with the Hex color CC0EA5.



This preview shows how white text looks on a background with the Hex color CC0EA5.

# 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**  
C44245

# Trichromacy



**Original Color**  
CC0EA5



**Protanomaly**  
4A4ACF



**Deuteranomaly**  
894C9F



**Tritanomaly**  
C72F68

# Monochromacy



**Original Color**  
CC0EA5



**Achromatopsia**  
585858



**Achromatomaly**  
823D74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC0EA5 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 #CC0EA5 looks like.

```
.text, #text, p{  
    color:#CC0EA5  
}
```

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 #CC0EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0EA5
}
```

## Border

The CSS property to change the border of an element to Hex CC0EA5 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
#CC0EA5 }
```

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

```
.border{ border-color:#CC0EA5 }
```

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

Here you see how a box with a 4 pixel #CC0EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0EA5; -webkit-box-shadow:4px 4px  
4px 4px #CC0EA5; box-shadow:4px 4px 4px  
4px #CC0EA5 }
```

# Background

The CSS property to change the background color of an element to Hex CC0EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0EA5 }
```

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

```
.background{ background-color:#CC0EA5 }
```

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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