

Converting Colors

Hex(CC2ACC)

Have a look what the booklet for
Hex(CC2ACC) contains.

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Color

Hex(CC2ACC)

Conversions

Conversions Part 1

Format	Color
Hex	CC2ACC
RGB	204, 42, 204
RGB Percent	80%, 16%, 80%
CMY	0.2000, 0.8353, 0.2000
CMYK	0.00, 0.79, 0.00, 0.20
HSL	300°, 66%, 48%
HSV	300°, 79%, 80%
XYZ	36.6289, 18.8529, 58.8352
YIQ	108.9060, 44.5500, 84.7260

Conversions

Conversions Part 2

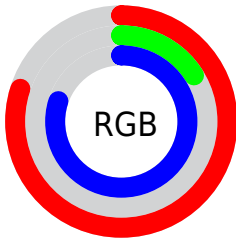
Format	Color
R_{YB}	204, 42, 204
Decimal	13380300
CIE _{Lab}	50.51, 77.16, -48.22
CIE _{LCh}	51, 90.985, 327.996
Yxy	18.8529, 0.3204, 0.1649
Android (android.graphics.Color)	4291570380 (0xFFCC2ACC)
YUV	108.9060, 46.8813, 83.3974
Hunter-Lab	43.4200, 74.5969, -49.9455

Details

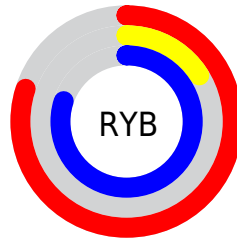
The Hex color **CC2ACC** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **2ACC2A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF6CFF**, and **910095** is the 20% darker color. If you saturate the color by 10%, you get **CC16CC**, and if you desaturate by 10%, it is **CC3ECC**.

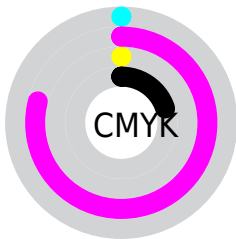
Distribution



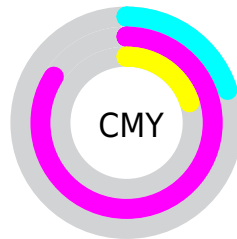
- Red (80%)
- Green (16%)
- Blue (80%)



- Red (80%)
- Yellow (16%)
- Blue (80%)



- Cyan (0%)
- Magenta (79%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (84%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC2ACC 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 CC2ACC by changing the saturation by 10% instead.

 CC2ACC

 CC2ACC

FFFFFF

 AE00B0

 FF6CFF

 910095

 FF8AFF

 75007B

 FFA7FF

 580061

 FFC5FF

 3F0049

 FFE2FF

 200031

 00011B

 000000

 CC2ACC

 CC2ACC

 CC16CC

 CC3ECC

 CC01CC

 CC53CC

 CC00CC

 CC67CC

 CC7CCC

 CC90CC

 CCA4CC

 CCB9CC

 CCCDCC

 CCE2CC

Harmonies

Analogous

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



5466FF



CC2ACC



F70081

Triad

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



CC2ACC



977400



0097C0

Complementary

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



CC2ACC



2ACC2A

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.



009671



CC2ACC



498800

Square

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



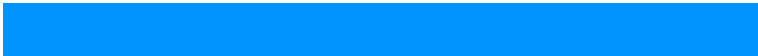
CC2ACC



D04E00



009215



0093FD

Rectangle

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



CC2ACC



F9004E



009215



0097A6

Sweetspot

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



CC2ACC



FFC2FF



2A2ACC



805B80



000000



808080

Same Dimension

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



CC2ACC



FF0DFF



CC2A7B



665C66



A600A6



260026

Inverse Universe

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



CC2ACC



FF0DFF



2ACC7B



665C66



A600A6



260026

Previews

White Background



This preview shows how the Hex color CC2ACC looks on a white background.

Color Contrast Check

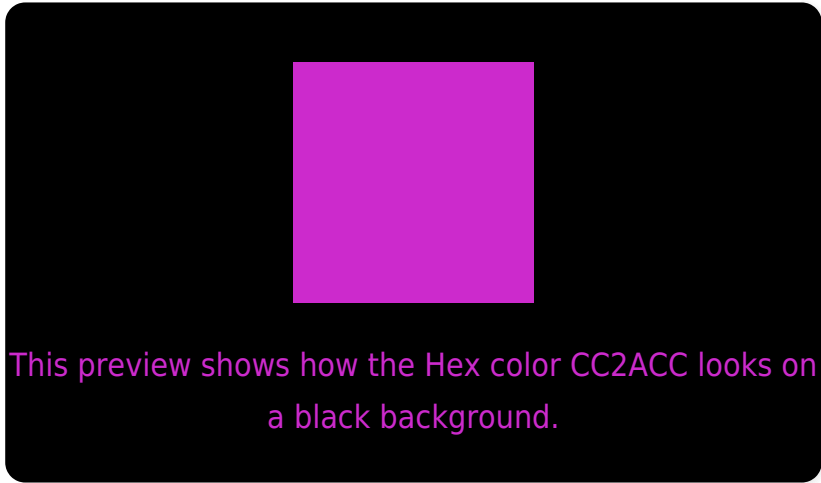
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

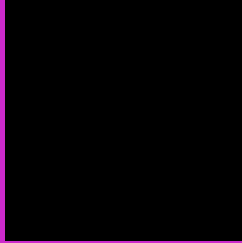
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CC2ACC Background



This preview shows how black text looks on a background with the Hex color CC2ACC.

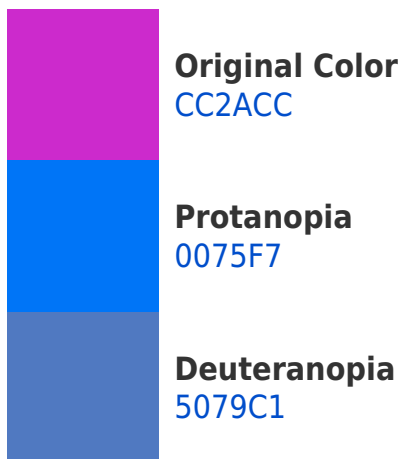



This preview shows how white text looks on a background with the Hex color CC2ACC.

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
C0575D

Trichromacy



Original Color
CC2ACC



Protanomaly
4A5AE7



Deuteranomaly
7D5CC5



Tritanomaly
C44785

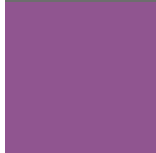
Monochromacy



Original Color
CC2ACC



Achromatopsia
6D6D6D



Achromatomaly
905590

CSS Examples

Text

The CSS property to change the color of the text to Hex CC2ACC 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 #CC2ACC looks like.

```
.text, #text, p{  
    color:#CC2ACC  
}
```

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 #CC2ACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC2ACC
}
```

Border

The CSS property to change the border of an element to Hex CC2ACC 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
#CC2ACC }
```

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

```
.border{ border-color:#CC2ACC }
```

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

Here you see how a box with a 4 pixel #CC2ACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC2ACC; -webkit-box-shadow:4px 4px  
4px 4px #CC2ACC; box-shadow:4px 4px 4px  
4px #CC2ACC }
```

Background

The CSS property to change the background color of an element to Hex CC2ACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC2ACC }
```

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

```
.background{ background-color:#CC2ACC }
```

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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