

Converting Colors

Hex(CC2199)

Have a look what the booklet for
Hex(CC2199) contains.

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Color

Hex(CC2199)

Conversions

Conversions Part 1

Format	Color
Hex	CC2199
RGB	204, 33, 153
RGB Percent	80%, 13%, 60%
CMY	0.2000, 0.8706, 0.4000
CMYK	0.00, 0.84, 0.25, 0.20
HSL	318°, 72%, 46%
HSV	318°, 84%, 80%
XYZ	31.1955, 16.2250, 31.6245
YIQ	97.8090, 63.3960, 73.5720

Conversions

Conversions Part 2

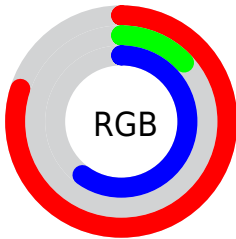
Format	Color
R_{YB}	204, 33, 153
Decimal	13377945
CIE _{Lab}	47.27, 72.19, -23.37
CIE _{LCh}	47, 75.875, 342.064
Yxy	16.2250, 0.3947, 0.2053
Android (android.graphics.Color)	4291568025 (0xFFCC2199)
YUV	97.8090, 27.2092, 93.1295
Hunter-Lab	40.2803, 67.7507, -18.3532

Details

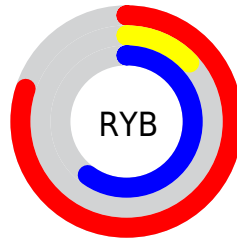
The Hex color **CC2199** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark muted rose. A complement of this color would be **21CC54**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF65D0**, and **910066** is the 20% darker color. If you saturate the color by 10%, you get **CC0D93**, and if you desaturate by 10%, it is **CC359F**.

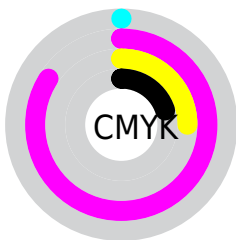
Distribution



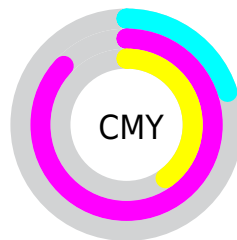
- Red (80%)
- Green (13%)
- Blue (60%)



- Red (80%)
- Yellow (13%)
- Blue (60%)



- Cyan (0%)
- Magenta (84%)
- Yellow (25%)
- Black (20%)



- Cyan (20%)
- Magenta (87%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC2199 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 CC2199 by changing the saturation by 10% instead.

 CC2199

 CC2199

FFFFFF

 AE007F

 FF65D0

 910066

 FF82EC

 74004D

 FFA0FF

 580036

 FFBDFE

 3D0021

 FFDBFF

 1E0004

 FFF9FF

 000000

 CC2199

 CC2199

 CC0D93

 CC359F

■ CC008F

■ CC4AA5

■ CC5EAB

■ CC73B1

■ CC87B7

■ CC9BBE

■ CCB0C4

■ CCC4CA

■ CCD9D0

Harmonies

Analogous

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



9050D0



CC2199



DD045A

Triad

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



CC2199



717600



008AC5

Complementary

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



CC2199



21CC54

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.



008B89



CC2199



198200

Square

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



CC2199



A75F00



008946



0082EB

Rectangle

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



CC2199



D62B30



008946



008BB3

Sweetspot

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



CC2199



FFBFEC



5121CC



805974



000000



808080

Same Dimension

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



CC2199



FF00B3



CC2146



665C63



A60074



26001B

Inverse Universe

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



CC2199



FF00B3



21CCA7



665C63



A60074



26001B

Previews

White Background



This preview shows how the Hex color CC2199 looks on a white background.

Color Contrast Check

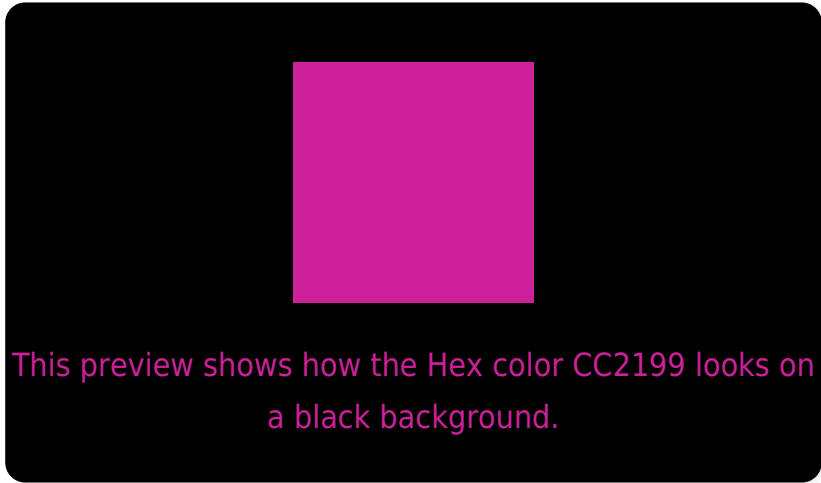
Large Text (above 18pt) WCAG AA ✓ Pass

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

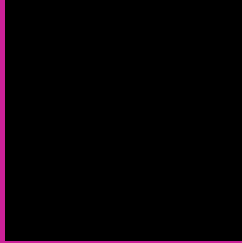
Any Text WCAG AA × Fail

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 CC2199 Background



This preview shows how black text looks on a background with the Hex color CC2199.



This preview shows how white text looks on a background with the Hex color CC2199.

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
C54246

Trichromacy



Original Color
CC2199



Protanomaly
7152BD



Deuteranomaly
8F5393



Tritanomaly
C83664

Monochromacy



Original Color
CC2199



Achromatopsia
626262



Achromatomaly
894A76

CSS Examples

Text

The CSS property to change the color of the text to Hex CC2199 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 #CC2199 looks like.

```
.text, #text, p{  
    color:#CC2199  
}
```

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 #CC2199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC2199
}
```

Border

The CSS property to change the border of an element to Hex CC2199 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
#CC2199 }
```

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

```
.border{ border-color:#CC2199 }
```

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

Here you see how a box with a 4 pixel #CC2199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC2199; -webkit-box-shadow:4px 4px  
4px 4px #CC2199; box-shadow:4px 4px 4px  
4px #CC2199 }
```

Background

The CSS property to change the background color of an element to Hex CC2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC2199 }
```

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

```
.background{ background-color:#CC2199 }
```

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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