

Converting Colors

Hex(CD5179)

Have a look what the booklet for
Hex(CD5179) contains.

Hex(CD5179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CD5179)

Conversions

Conversions Part 1

Format	Color
Hex	CD5179
RGB	205, 81, 121
RGB Percent	80%, 32%, 47%
CMY	0.1961, 0.6824, 0.5255
CMYK	0.00, 0.60, 0.41, 0.20
HSL	341°, 55%, 56%
HSV	341°, 60%, 80%
XYZ	31.5705, 20.2445, 20.3328
YIQ	122.6360, 61.0640, 38.7280

Conversions

Conversions Part 2

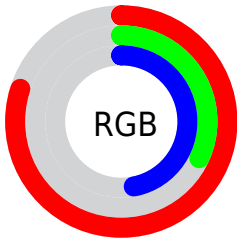
Format	Color
R_{YB}	205, 81, 121
Decimal	13455737
CIE _{Lab}	52.11, 52.68, 3.12
CIE _{LCh}	52, 52.776, 3.388
Yxy	20.2445, 0.4376, 0.2806
Android (android.graphics.Color)	4291645817 (0xFFCD5179)
YUV	122.6360, -0.8065, 72.2332
Hunter-Lab	44.9939, 46.5073, 4.7025

Details

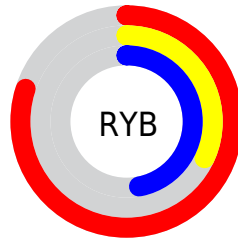
The Hex color **CD5179** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **51CDA5**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF88AD**, and **921449** is the 20% darker color. If you saturate the color by 10%, you get **CD3C6B**, and if you desaturate by 10%, it is **CD6587**.

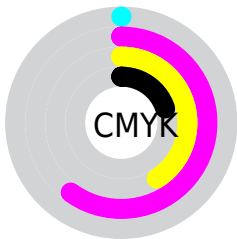
Distribution



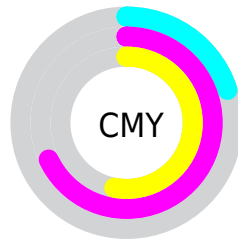
- Red (80%)
- Green (32%)
- Blue (47%)



- Red (80%)
- Yellow (32%)
- Blue (47%)



- Cyan (0%)
- Magenta (60%)
- Yellow (41%)
- Black (20%)



- Cyan (20%)
- Magenta (68%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD5179 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 CD5179 by changing the saturation by 10% instead.

 CD5179

 CD5179

FFFFFF

 AF3560

 FF88AD

 921449

 FFA3C8

 760032

 FFC0E5

 5A001E

 FFDDFF

 400003

 FFFAFF

 200001

 000000

 CD5179

 CD5179

 CD3C6B

 CD6587

 CD285D

 CD7A95

 CD134F

 CD8FA3

 CD0042

 CDA3B1

 CDB8BE

 CDCCCC

 CDE0DA

 CDF5E8

 CDFFF6

Harmonies

Analogous

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



B75BA6



CD5179



CA594D

Triad

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



CD5179



60882A



008BCD

Complementary

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



CD5179



51CDA5

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.



0091AD



CD5179



058F52

Square

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



CD5179



8F7C16



009280



0080D7

Rectangle

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



CD5179



BD6534



009280



008EC4

Sweetspot

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



CD5179



FFD1E0



A451CD



80636C



000000



808080

Same Dimension

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



CD5179



FF4581



CD6651



665C5F



A60035



26000C

Inverse Universe

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



CD5179



FF4581



51B8CD



665C5F



A60035



26000C

Previews

White Background



This preview shows how the Hex color CD5179 looks on a white background.

Color Contrast Check

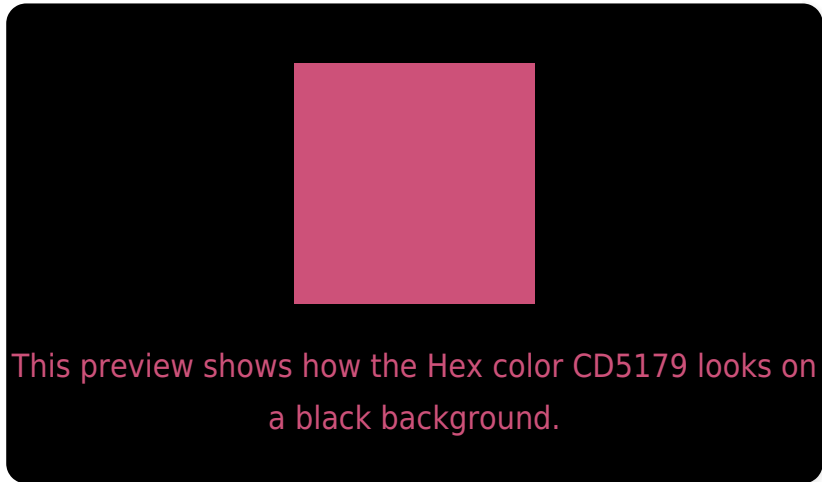
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD5179 Background



This preview shows how black text looks on a background with the Hex color CD5179.



This preview shows how white text looks on a background with the Hex color CD5179.

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



Trichromacy



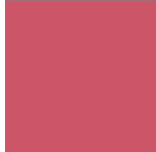
Original Color
CD5179



Protanomaly
986C89



Deuteranomaly
A46A75

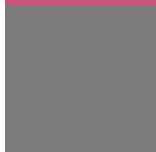


Tritanomaly
CC5567

Monochromacy



Original Color
CD5179



Achromatopsia
7B7B7B



Achromatomaly
996C7A

CSS Examples

Text

The CSS property to change the color of the text to Hex CD5179 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 #CD5179 looks like.

```
.text, #text, p{  
    color:#CD5179  
}
```

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 #CD5179 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD5179
}
```

Border

The CSS property to change the border of an element to Hex CD5179 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
#CD5179 }
```

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

```
.border{ border-color:#CD5179 }
```

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

Here you see how a box with a 4 pixel #CD5179 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD5179; -webkit-box-shadow:4px 4px  
4px 4px #CD5179; box-shadow:4px 4px 4px  
4px #CD5179 }
```

Background

The CSS property to change the background color of an element to Hex CD5179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD5179 }
```

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

```
.background{ background-color:#CD5179 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor