

# Converting Colors

Hex(CD5778)

Have a look what the booklet for  
Hex(CD5778) contains.

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# Color

**Hex(CD5778)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD5778
RGB	205, 87, 120
RGB Percent	80%, 34%, 47%
CMY	0.1961, 0.6588, 0.5294
CMYK	0.00, 0.58, 0.41, 0.20
HSL	343°, 54%, 57%
HSV	343°, 58%, 80%
XYZ	31.9752, 21.1516, 20.1667
YIQ	126.0440, 59.7350, 35.2790

# Conversions

## Conversions Part 2

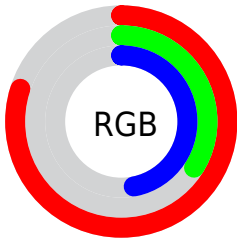
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 87, 120
Decimal	13457272
CIE <sub>Lab</sub>	53.12, 49.84, 5.16
CIE <sub>LCh</sub>	53, 50.102, 5.911
Yxy	21.1516, 0.4363, 0.2886
Android (android.graphics.Color)	4291647352 (0xFFCD5778)
YUV	126.0440, -2.9797, 69.2444
Hunter-Lab	45.9909, 43.6183, 6.1953

# Details

The Hex color **CD5778** 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 **57CDAC**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8DAC**, and **931F48** is the 20% darker color. If you saturate the color by 10%, you get **CD4269**, and if you desaturate by 10%, it is **CD6C87**.

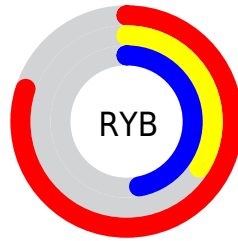
# Distribution



Red (80%)

Green (34%)

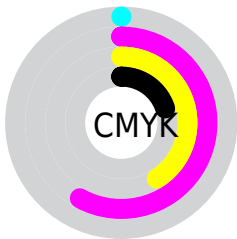
Blue (47%)



Red (80%)

Yellow (34%)

Blue (47%)

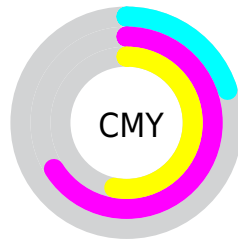


Cyan (0%)

Magenta (58%)

Yellow (41%)

Black (20%)



Cyan (20%)

Magenta (66%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD5778 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 CD5778 by changing the saturation by 10% instead.



 CD5778

 CD5778

FFFFFF

 B03C5F

 FF8DAC

 931F48

 FFA9C7

 760032

 FFC5E3

 5A001D

 FFE2FF

 400001

 220001

 000000

 CD5778

 CD5778

 CD4269

 CD6C87

 CD2E5A

 CD8096

 CD1A4C

 CD95A4

 CD053D

 CDA9B3

 CD0039

 CDBEC2

 CDD2D1

 CDE7DF

 CDFBEE

 CDFFFD

# Harmonies

## Analogous

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



BA5EA3



CD5778



C95F4F

# Triad

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



CD5778



618B34



008DCD

# Complementary

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



CD5778



57CDAC

# 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.



0093B0



CD5778



0F915A

# Square

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



CD5778



8E7F21



009486



3381D5

# Rectangle

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



CD5778



BB6A38



009486



008FC6



# Sweetspot

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



CD5778



FFD4E0



AC57CD



80666D



000000



808080



# Same Dimension

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



CD5778



FF4F80



CD7157



665C5F



A6002E



26000B



# Inverse Universe

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



CD5778



FF4F80



57B3CD



665C5F



A6002E



26000B



# Previews

## White Background



This preview shows how the Hex color CD5778 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 CD5778 Background



This preview shows how black text looks on a background with the Hex color CD5778.



This preview shows how white text looks on a background with the Hex color CD5778.

# 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



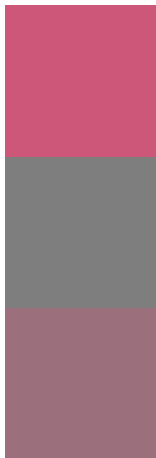
**Original Color**  
CD5778

**Protanomaly**  
9A7087

**Deuteranomaly**  
A66E74

**Tritanomaly**  
CC5A69

# Monochromacy



**Original Color**  
CD5778

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
9B707C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD5778 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 #CD5778 looks like.

```
.text, #text, p{  
    color:#CD5778  
}
```

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 #CD5778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD5778
}
```

## Border

The CSS property to change the border of an element to Hex CD5778 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
#CD5778 }
```

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

```
.border{ border-color:#CD5778 }
```

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

Here you see how a box with a 4 pixel #CD5778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD5778; -webkit-box-shadow:4px 4px  
4px 4px #CD5778; box-shadow:4px 4px 4px  
4px #CD5778 }
```

# Background

The CSS property to change the background color of an element to Hex CD5778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD5778 }
```

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

```
.background{ background-color:#CD5778 }
```

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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