

Converting Colors

Hex(D23798)

Have a look what the booklet for
Hex(D23798) contains.

Hex(D23798)	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(D23798)

Conversions

Conversions Part 1

Format	Color
Hex	D23798
RGB	210, 55, 152
RGB Percent	82%, 22%, 60%
CMY	0.1765, 0.7843, 0.4039
CMYK	0.00, 0.74, 0.28, 0.18
HSL	322°, 63%, 52%
HSV	322°, 74%, 82%
XYZ	33.6120, 18.7010, 31.5439
YIQ	112.4030, 61.2430, 63.0270

Conversions

Conversions Part 2

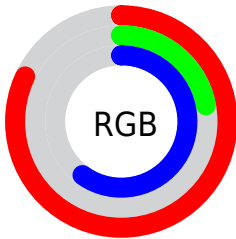
Format	Color
R _{YB}	210, 55, 152
Decimal	13776792
CIE _{Lab}	50.34, 67.65, -17.97
CIE _{LCh}	50, 69.997, 345.128
Yxy	18.7010, 0.4008, 0.2230
Android (android.graphics.Color)	4291966872 (0xFFD23798)
YUV	112.4030, 19.5213, 85.5926
Hunter-Lab	43.2447, 63.0614, -12.9765

Details

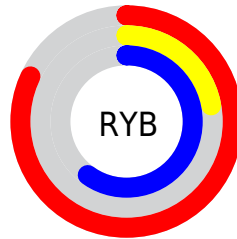
The Hex color **D23798** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **37D271**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF73CE**, and **970065** is the 20% darker color. If you saturate the color by 10%, you get **D22290**, and if you desaturate by 10%, it is **D24CA0**.

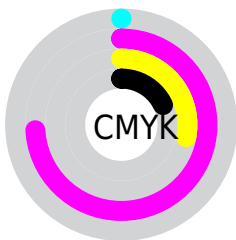
Distribution



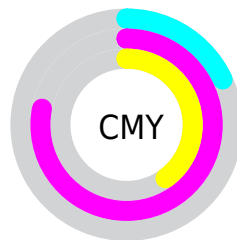
- Red (82%)
- Green (22%)
- Blue (60%)



- Red (82%)
- Yellow (22%)
- Blue (60%)



- Cyan (0%)
- Magenta (74%)
- Yellow (28%)
- Black (18%)



- Cyan (18%)
- Magenta (78%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color D23798 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 D23798 by changing the saturation by 10% instead.

 D23798

 D23798

FFFFFF

 B40A7E

 FF73CE

 970065

 FF90EB

 7A004D

 FFADFF

 5E0036

 FFCAFF

 440021

 FFE8FF

 270004

 000000

 D23798

 D23798

 D22290

 D24CA0

 D20D88

 D261A8

 D20083

 D276B0

 D28BB7

 D2A0BF

 D2B5C7

 D2CACF

 D2DFD7

 D2F4DF

Harmonies

Analogous

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



9F58CD



D23798



DF315D

Triad

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



D23798



757E00



0090CC

Complementary

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



D23798



37D271

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.



009295



D23798



268A14

Square

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



D23798



A96A00



009057



0087EC

Rectangle

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



D23798



D74336



009057



0091BB

Sweetspot

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



D23798



FFC7EA



7037D2



805E73



000000



808080

Same Dimension

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



D23798



FF1CAA



D2374C



695E65



A80069



29001A

Inverse Universe

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



D23798



FF1CAA



37D2BD



695E65



A80069



29001A

Previews

White Background



This preview shows how the Hex color D23798 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 D23798 Background



This preview shows how black text looks on a background with the Hex color D23798.



This preview shows how white text looks on a background with the Hex color D23798.

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
D23798



Protanomaly
845FB6



Deuteranomaly
995F93



Tritanomaly
CE446B

Monochromacy



Original Color
D23798



Achromatopsia
707070



Achromatomaly
945B7F

CSS Examples

Text

The CSS property to change the color of the text to Hex D23798 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 #D23798 looks like.

```
.text, #text, p{  
    color:#D23798  
}
```

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 #D23798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D23798  
}
```

Border

The CSS property to change the border of an element to Hex D23798 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  
#D23798 }
```

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

```
.border{ border-color:#D23798 }
```

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

Here you see how a box with a 4 pixel #D23798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D23798; -webkit-box-shadow:4px 4px  
4px 4px #D23798; box-shadow:4px 4px 4px  
4px #D23798 }
```

Background

The CSS property to change the background color of an element to Hex D23798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D23798 }
```

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

```
.background{ background-color:#D23798 }
```

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