

Converting Colors

Hex(CD3F68)

Have a look what the booklet for
Hex(CD3F68) contains.

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Color

Hex(CD3F68)

Conversions

Conversions Part 1

Format	Color
Hex	CD3F68
RGB	205, 63, 104
RGB Percent	80%, 25%, 41%
CMY	0.1961, 0.7529, 0.5922
CMYK	0.00, 0.69, 0.49, 0.20
HSL	343°, 59%, 53%
HSV	343°, 69%, 80%
XYZ	29.4530, 17.5336, 14.9287
YIQ	110.1320, 71.4710, 42.8550

Conversions

Conversions Part 2

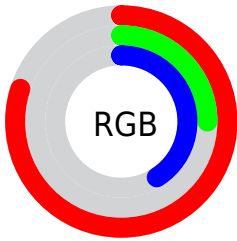
Format	Color
RYB	205, 63, 104
Decimal	13451112
CIELab	48.93, 58.50, 8.81
CIElCh	49, 59.159, 8.565
Yxy	17.5336, 0.4757, 0.2832
Android (android.graphics.Color)	4291641192 (0xFFCD3F68)
YUV	110.1320, -3.0231, 83.1992
Hunter-Lab	41.8732, 52.2765, 8.1731

Details

The Hex color **CD3F68** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **3FCDA4**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF789B**, and **910039** is the 20% darker color. If you saturate the color by 10%, you get **CD2B59**, and if you desaturate by 10%, it is **CD5477**.

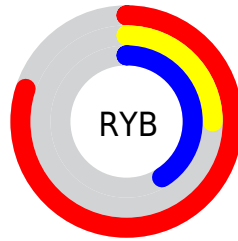
Distribution



Red (80%)

Green (25%)

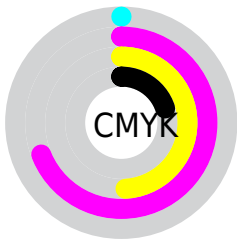
Blue (41%)



Red (80%)

Yellow (25%)

Blue (41%)

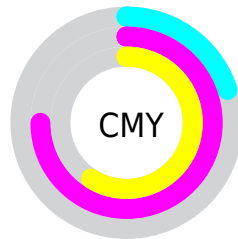


Cyan (0%)

Magenta (69%)

Yellow (49%)

Black (20%)



Cyan (20%)

Magenta (75%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD3F68 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 CD3F68 by changing the saturation by 10% instead.

 CD3F68

 CD3F68

FFFFFF

 AF1E50

 FF789B

 910039

 FF94B6

 740024

 FFB0D1

 57000F

 FFCDED

 3C0003

 FFEAFF

 170000

 000000

 CD3F68

 CD3F68

 CD2B59

 CD5477

 CD164B

 CD6885

 CD023C

 CD7D94

 CD003B

 CD91A2

 CDA6B1

 CDBABF

 CDCFCE

 CDE3DD

 CDF8EB

Harmonies

Analogous

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



BB489A



CD3F68



C54E38

Triad

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



CD3F68



48821B



0083D2

Complementary

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



CD3F68



3FCDA4

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.



008AB2



CD3F68



00894D

Square

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



CD3F68



7F7700



008B82



0076D8

Rectangle

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



CD3F68



B45D1A



008B82



0086C9

Sweetspot

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



CD3F68



FFC9D9



A23FCD



806069



000000



808080

Same Dimension

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



CD3F68



FF2B68



CD5B3F



665C5F



A60030



26000B

Inverse Universe

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



CD3F68



FF2B68



3FB1CD



665C5F



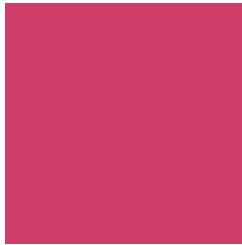
A60030



26000B

Previews

White Background



This preview shows how the Hex color CD3F68 looks on a white background.

Color Contrast Check

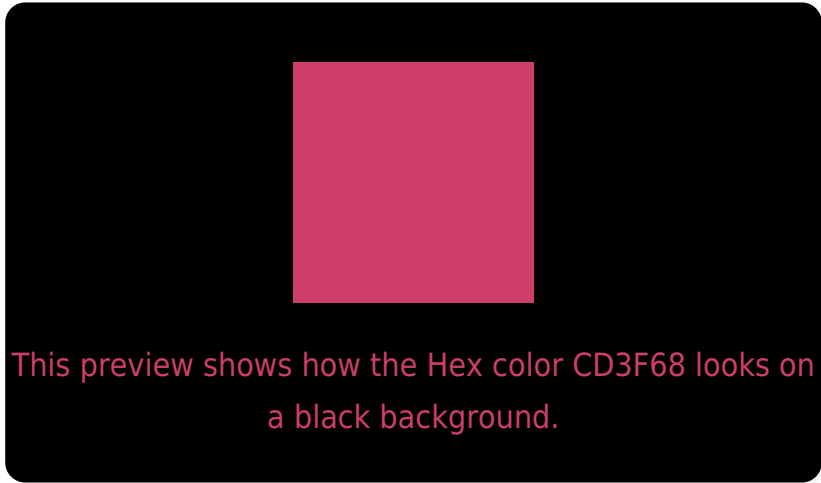
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 CD3F68 Background



This preview shows how black text looks on a background with the Hex color CD3F68.



This preview shows how white text looks on a background with the Hex color CD3F68.

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



Original Color
CD3F68

Protanopia
727485

Deuteranopia
877061

Trichromacy



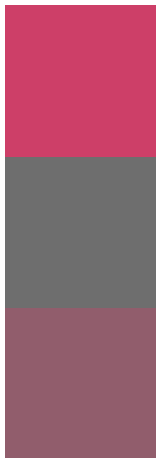
Original Color
CD3F68

Protanomaly
93617A

Deuteranomaly
A05E64

Tritanomaly
CC4354

Monochromacy



Original Color
CD3F68

Achromatopsia
6E6E6E

Achromatomaly
915D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex CD3F68 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 #CD3F68 looks like.

```
.text, #text, p{  
    color:#CD3F68  
}
```

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 #CD3F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD3F68
}
```

Border

The CSS property to change the border of an element to Hex CD3F68 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
#CD3F68 }
```

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

```
.border{ border-color:#CD3F68 }
```

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

Here you see how a box with a 4 pixel #CD3F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD3F68; -webkit-box-shadow:4px 4px  
4px 4px #CD3F68; box-shadow:4px 4px 4px  
4px #CD3F68 }
```

Background

The CSS property to change the background color of an element to Hex CD3F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD3F68 }
```

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

```
.background{ background-color:#CD3F68 }
```

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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