

Converting Colors

Hex(CD3765)

Have a look what the booklet for
Hex(CD3765) contains.

Hex(CD3765)	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(CD3765)

Conversions

Conversions Part 1

Format	Color
Hex	CD3765
RGB	205, 55, 101
RGB Percent	80%, 22%, 40%
CMY	0.1961, 0.7843, 0.6039
CMYK	0.00, 0.73, 0.51, 0.20
HSL	342°, 60%, 51%
HSV	342°, 73%, 80%
XYZ	28.8920, 16.6511, 14.0031
YIQ	105.0940, 74.6340, 46.1060

Conversions

Conversions Part 2

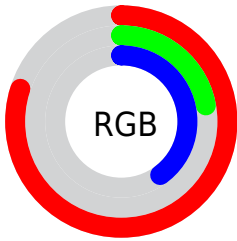
Format	Color
R_{YB}	205, 55, 101
Decimal	13449061
CIE _{Lab}	47.82, 61.11, 9.08
CIE _{LCh}	48, 61.784, 8.448
Yxy	16.6511, 0.4852, 0.2796
Android (android.graphics.Color)	4291639141 (0xFFCD3765)
YUV	105.0940, -2.0183, 87.6176
Hunter-Lab	40.8058, 54.9745, 8.2178

Details

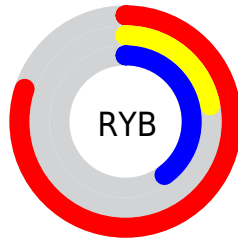
The Hex color **CD3765** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **37CD9F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF7198**, and **910037** is the 20% darker color. If you saturate the color by 10%, you get **CD2357**, and if you desaturate by 10%, it is **CD4C73**.

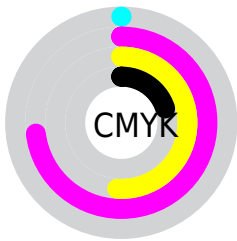
Distribution



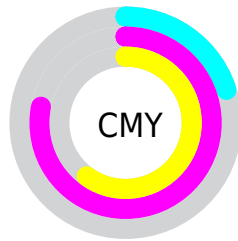
- Red (80%)
- Green (22%)
- Blue (40%)



- Red (80%)
- Yellow (22%)
- Blue (40%)



- Cyan (0%)
- Magenta (73%)
- Yellow (51%)
- Black (20%)



- Cyan (20%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD3765 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 CD3765 by changing the saturation by 10% instead.

 CD3765

 CD3765

FFFFFF

 AF104D

 FF7198

 910037

 FF8EB2

 730022

 FFAACE

 56000B

 FFC7EA

 3B0002

 FFE4FF

 140000

 000000

 CD3765

 CD3765

 CD2357

 CD4C73

 CD0E49

 CD6081

 CD003F

 CD7590

 CD899E

 CD9EAC

 CDB2BA

 CDC7C8

 CDDBD7

 CDF0E5

Harmonies

Analogous

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



BA4299



CD3765



C44833

Triad

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



CD3765



428010



0081D3

Complementary

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



CD3765



37CD9F

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.



0088B1



CD3765



008649

Square

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



CD3765



7C7400



00897F



0073D9

Rectangle

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



CD3765



B25911



00897F



0084CA

Sweetspot

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



CD3765



FFC7D8



9E37CD



805E69



000000



808080

Same Dimension

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



CD3765



FF1F63



CD5337



665C5F



A60033



26000C

Inverse Universe

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



CD3765



FF1F63



37B2CD



665C5F



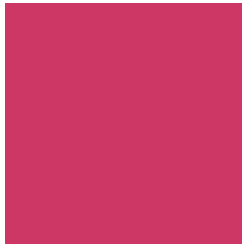
A60033



26000C

Previews

White Background



This preview shows how the Hex color CD3765 looks on a white background.

Color Contrast Check

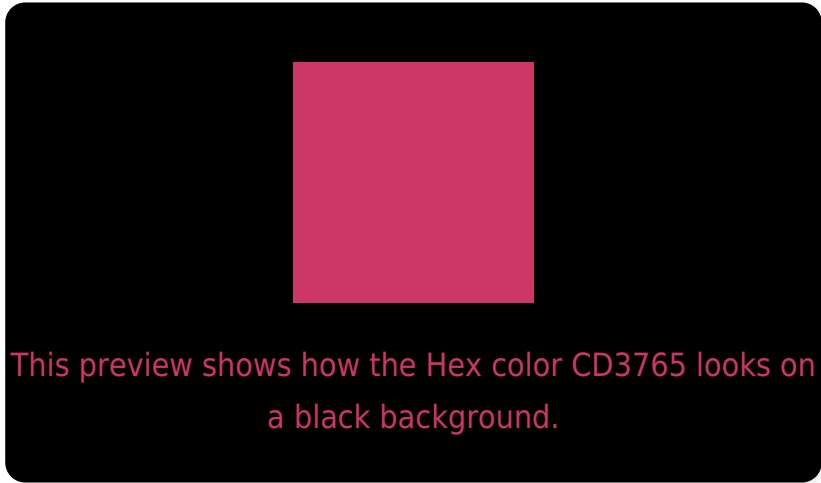
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD3765 Background



This preview shows how black text looks on a background with the Hex color CD3765.

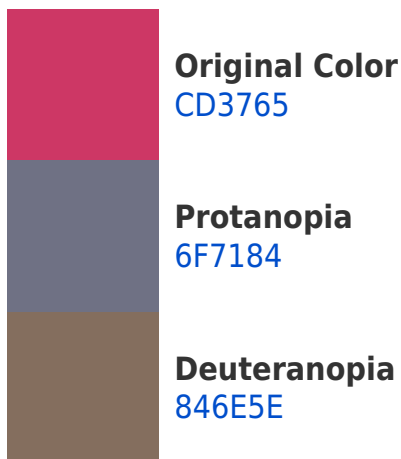


This preview shows how white text looks on a background with the Hex color CD3765.

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
CB3F42

Trichromacy



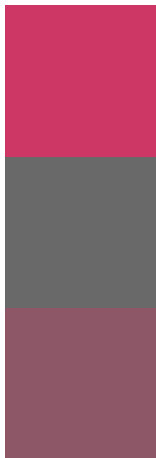
Original Color
CD3765

Protanomaly
915C79

Deuteranomaly
9F5A61

Tritanomaly
CC3C4F

Monochromacy



Original Color
CD3765

Achromatopsia
696969

Achromatomaly
8D5768

CSS Examples

Text

The CSS property to change the color of the text to Hex CD3765 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 #CD3765 looks like.

```
.text, #text, p{  
    color:#CD3765  
}
```

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 #CD3765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD3765
}
```

Border

The CSS property to change the border of an element to Hex CD3765 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
#CD3765 }
```

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

```
.border{ border-color:#CD3765 }
```

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

Here you see how a box with a 4 pixel #CD3765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD3765; -webkit-box-shadow:4px 4px  
4px 4px #CD3765; box-shadow:4px 4px 4px  
4px #CD3765 }
```

Background

The CSS property to change the background color of an element to Hex CD3765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD3765 }
```

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

```
.background{ background-color:#CD3765 }
```

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