

Converting Colors

Hex(D33B84)

Have a look what the booklet for
Hex(D33B84) contains.

Hex(D33B84)	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(D33B84)

Conversions

Conversions Part 1

Format	Color
Hex	D33B84
RGB	211, 59, 132
RGB Percent	83%, 23%, 52%
CMY	0.1725, 0.7686, 0.4824
CMYK	0.00, 0.72, 0.37, 0.17
HSL	331°, 63%, 53%
HSV	331°, 72%, 83%
XYZ	32.5928, 18.6428, 23.7104
YIQ	112.7700, 67.1590, 54.9270

Conversions

Conversions Part 2

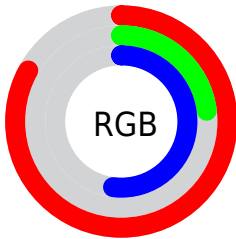
Format	Color
R_{YB}	211, 59, 132
Decimal	13843332
CIE _{Lab}	50.27, 64.34, -6.07
CIE _{LCh}	50, 64.624, 354.608
Yxy	18.6428, 0.4349, 0.2487
Android (android.graphics.Color)	4292033412 (0xFFD33B84)
YUV	112.7700, 9.4804, 86.1477
Hunter-Lab	43.1773, 59.1823, -2.3345

Details

The Hex color **D33B84** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle muted rose. A complement of this color would be **3BD38A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF76B9**, and **970053** is the 20% darker color. If you saturate the color by 10%, you get **D32679**, and if you desaturate by 10%, it is **D3508F**.

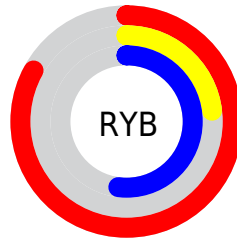
Distribution



Red (83%)

Green (23%)

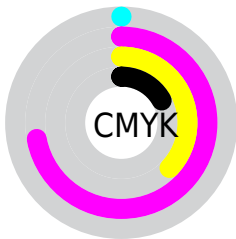
Blue (52%)



Red (83%)

Yellow (23%)

Blue (52%)

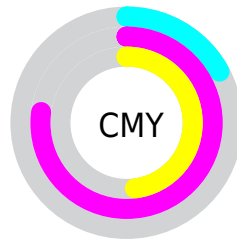


Cyan (0%)

Magenta (72%)

Yellow (37%)

Black (17%)



Cyan (17%)

Magenta (77%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color D33B84 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 D33B84 by changing the saturation by 10% instead.

 D33B84

 D33B84

FFFFFF

 B5156B

 FF76B9

 970053

 FF93D5

 7A003C

 FFAFF1

 5E0026

 FFCCFF

 440011

 FFEAFF

 240001

 000000

 D33B84

 D33B84

 D32679

 D3508F

 D3116E

 D3659A

 D30065

 D37AA5

 D38FB0

 D3A5BB

 D3BAC6

 D3CFD1

 D3E4DC

 D3F9E7

Harmonies

Analogous

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



AF52B8



D33B84



D6414D

Triad

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



D33B84



648200



008CD1

Complementary

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



D33B84



3BD38A

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.



0090A4



D33B84



008B33

Square

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



D33B84



997200



00906C



0081E6

Rectangle

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



D33B84



CA512B



00906C



008EC4

Sweetspot

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



D33B84



FFC7E2



8A3BD3



805E6E



000000



808080

Same Dimension

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



D33B84



FF248D



D33E3B



695E63



A80051



290014

Inverse Universe

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



D33B84



FF248D



3BD0D3



695E63



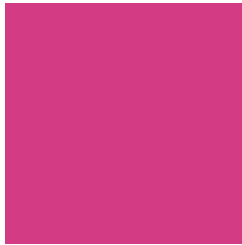
A80051



290014

Previews

White Background



This preview shows how the Hex color D33B84 looks on a white background.

Color Contrast Check

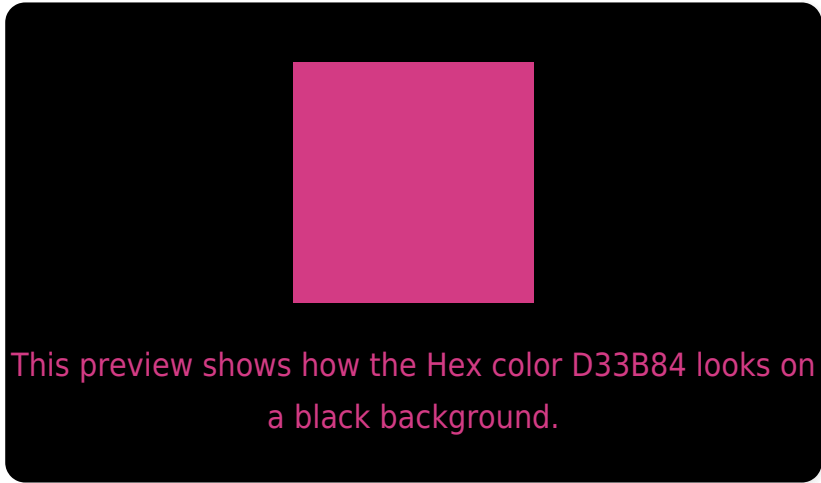
Large Text (above 18pt) WCAG AA ✓ Pass

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 D33B84 Background



This preview shows how black text looks on a background with the Hex color D33B84.

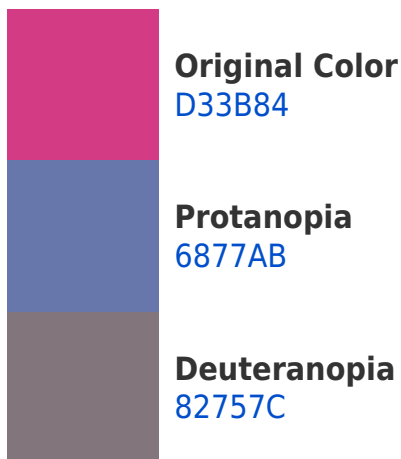


This preview shows how white text looks on a background with the Hex color D33B84.

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](#).

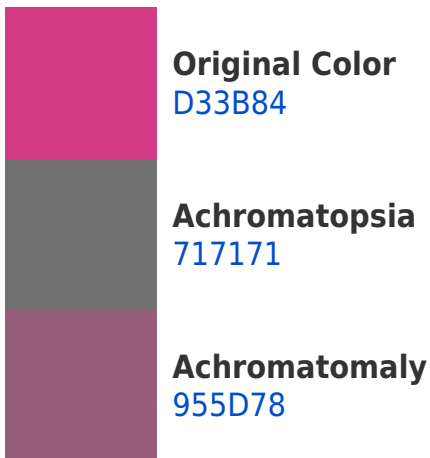
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D33B84 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 #D33B84 looks like.

```
.text, #text, p{  
    color:#D33B84  
}
```

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 #D33B84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33B84
}
```

Border

The CSS property to change the border of an element to Hex D33B84 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
#D33B84 }
```

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

```
.border{ border-color:#D33B84 }
```

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

Here you see how a box with a 4 pixel #D33B84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33B84; -webkit-box-shadow:4px 4px  
4px 4px #D33B84; box-shadow:4px 4px 4px  
4px #D33B84 }
```

Background

The CSS property to change the background color of an element to Hex D33B84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33B84 }
```

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

```
.background{ background-color:#D33B84 }
```

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