

# Converting Colors

Hex(C33C76)

Have a look what the booklet for  
Hex(C33C76) contains.

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# Color

Hex(C33C76)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C33C76
RGB	195, 60, 118
RGB Percent	76%, 24%, 46%
CMY	0.2353, 0.7647, 0.5373
CMYK	0.00, 0.69, 0.39, 0.24
HSL	334°, 53%, 50%
HSV	334°, 69%, 76%
XYZ	27.3916, 16.1418, 18.8115
YIQ	106.9770, 61.8420, 46.6580

# Conversions

## Conversions Part 2

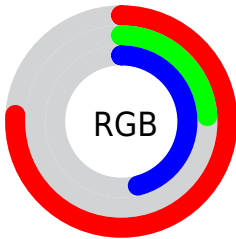
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">195, 60, 118</a>
Decimal	<a href="#">12794998</a>
CIELab	<a href="#">47.16, 58.02, -2.49</a>
CIElCh	<a href="#">47, 58.077, 357.538</a>
Yxy	<a href="#">16.1418, 0.4394, 0.2589</a>
Android (android.graphics.Color)	<a href="#">4290985078</a> ( <a href="#">0xFFC33C76</a> )
YUV	<a href="#">106.9770, 5.4343, 77.1962</a>
Hunter-Lab	<a href="#">40.1769, 51.3871, 0.3632</a>

# Details

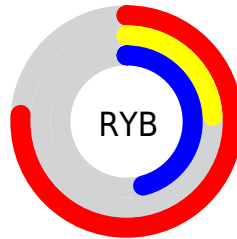
The Hex color **C33C76** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **3CC389**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF75AA**, and **880046** is the 20% darker color. If you saturate the color by 10%, you get **C3296B**, and if you desaturate by 10%, it is **C35081**.

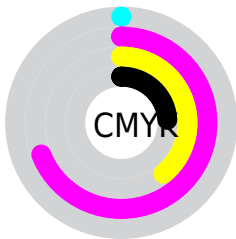
# Distribution



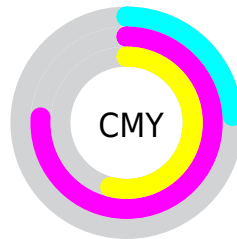
- Red (76%)
- Green (24%)
- Blue (46%)



- Red (76%)
- Yellow (24%)
- Blue (46%)



- Cyan (0%)
- Magenta (69%)
- Yellow (39%)
- Black (24%)



- Cyan (24%)
- Magenta (76%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C33C76 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 C33C76 by changing the saturation by 10% instead.



 C33C76

 C33C76

FFFFFF

 A61B5D

 FF75AA

 880046

 FF91C5

 6C0030

 FFADE1

 50001B

 FFC9FE

 360002

 FFE7FF

 070000

 000000

 C33C76

 C33C76

 C3296B

 C35081

 C31560

 C3638C

 C30255

 C37797

 C30054

 C38AA2

 C39EAE

 C3B1B9

 C3C5C4

 C3D8CF

 C3ECDA

# Harmonies

## Analogous

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



A64DA5



C33C76



C44346

# Triad

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



C33C76



5A7A02



0082C2

# Complementary

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



C33C76



3CC389

# 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.



00869C



C33C76



008238

# Square

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



C33C76



8A6C00



00866A



0077D2

# Rectangle

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



C33C76



B85128



00866A



0084B7



# Sweetspot

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



C33C76



FCC7DE



883CC3



80606D



000000



808080



# Same Dimension

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



C33C76



FC2B85



C3453C



61575B



A10045



21000E



# Inverse Universe

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



C33C76



FC2B85



3CBAC3



61575B



A10045



21000E



# Previews

## White Background



This preview shows how the Hex color C33C76 looks on a white background.

## Color Contrast Check

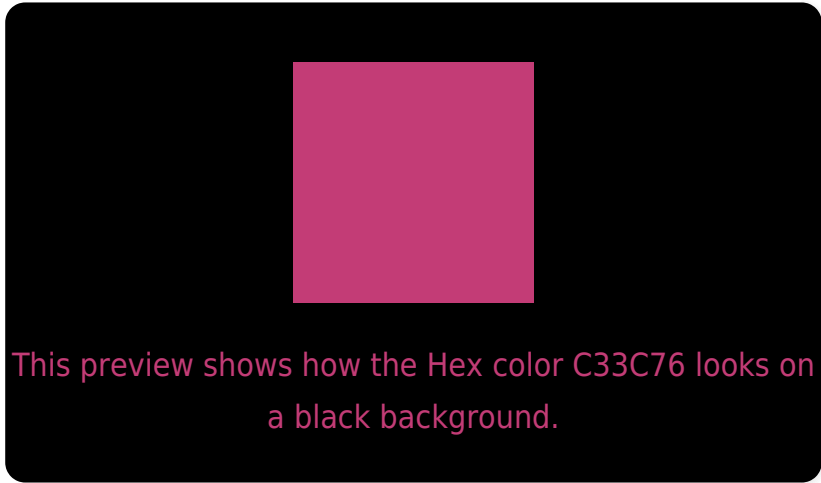
Large Text (above 18pt) WCAG AA ✓ Pass

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 C33C76 Background



This preview shows how black text looks on a background with the Hex color C33C76.



This preview shows how white text looks on a background with the Hex color C33C76.

# 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**  
C33C76

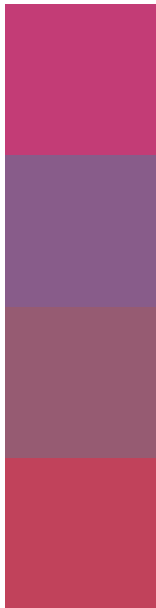
**Protanopia**  
666F96

**Deuteranopia**  
7C6D6F



**Tritanopia**  
C0464B

# Trichromacy



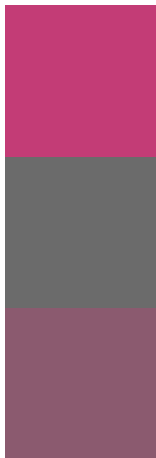
**Original Color**  
C33C76

**Protanomaly**  
885C8A

**Deuteranomaly**  
965B72

**Tritanomaly**  
C1425B

# Monochromacy



**Original Color**  
C33C76

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
8B5A6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C33C76 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 #C33C76 looks like.

```
.text, #text, p{  
    color:#C33C76  
}
```

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 #C33C76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C33C76
}
```

## Border

The CSS property to change the border of an element to Hex C33C76 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
#C33C76 }
```

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

```
.border{ border-color:#C33C76 }
```

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

Here you see how a box with a 4 pixel #C33C76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C33C76; -webkit-box-shadow:4px 4px  
4px 4px #C33C76; box-shadow:4px 4px 4px  
4px #C33C76 }
```

# Background

The CSS property to change the background color of an element to Hex C33C76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C33C76 }
```

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

```
.background{ background-color:#C33C76 }
```

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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