

# Converting Colors

Hex(C36D89)

Have a look what the booklet for  
Hex(C36D89) contains.

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# Color

**Hex(C36D89)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C36D89
RGB	195, 109, 137
RGB Percent	76%, 43%, 54%
CMY	0.2353, 0.5725, 0.4627
CMYK	0.00, 0.44, 0.30, 0.24
HSL	340°, 42%, 60%
HSV	340°, 44%, 76%
XYZ	32.4897, 24.3455, 26.6537
YIQ	137.9060, 42.2680, 26.9400

# Conversions

## Conversions Part 2

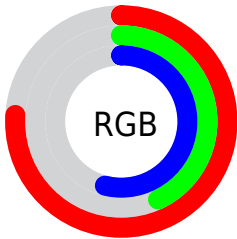
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 109, 137
Decimal	12807561
CIE <sub>Lab</sub>	56.43, 37.39, -0.23
CIE <sub>LCh</sub>	56, 37.394, 359.650
Yxy	24.3455, 0.3891, 0.2916
Android (android.graphics.Color)	4290997641 (0xFFC36D89)
YUV	137.9060, -0.4467, 50.0714
Hunter-Lab	49.3412, 31.1898, 2.5109

# Details

The Hex color **C36D89** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6DC3A7**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FDA2BE**, and **8B3A57** is the 20% darker color. If you saturate the color by 10%, you get **C35A7C**, and if you desaturate by 10%, it is **C38196**.

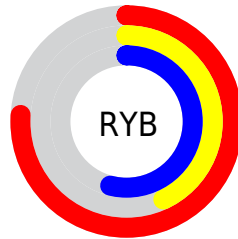
# Distribution



Red (76%)

Green (43%)

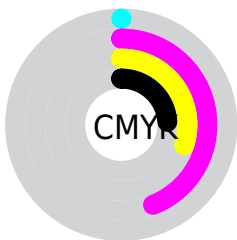
Blue (54%)



Red (76%)

Yellow (43%)

Blue (54%)

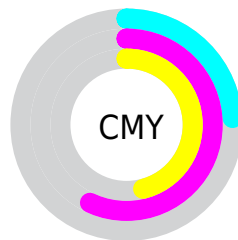


Cyan (0%)

Magenta (44%)

Yellow (30%)

Black (24%)



Cyan (24%)

Magenta (57%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C36D89 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 C36D89 by changing the saturation by 10% instead.



 C36D89

 C36D89

FFFFFF

 A75370

 FDA2BE

 8B3A57

 FFBEDA

 702140

 FFDAF7

 55032A

 FFF7FF

 3C0016

 240001

 000000

 C36D89

 C36D89

 C35A7C

 C38196

 C3466F

 C394A3

 C33262

 C3A8B0

 C31F54

 C3BBBE

 C30C47

 C3CFCB

 C3003F

 C3E2D8

 C3F5E5

 C3FFF2

 C3FFFF

# Harmonies

## Analogous

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



AF73A9



C36D89



C47069

# Triad

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



C36D89



7B8F4D



0093BF

# Complementary

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



C36D89



6DC3A7

# 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.



0098A6



C36D89



539565

# Square

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



C36D89



9C8545



119886



528BC8

# Rectangle

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



C36D89



BC7657



119886



0095B8



# Sweetspot

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



C36D89



FCDCE6



A66DC3



806B72



000000



808080



# Same Dimension

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



C36D89



FC77A2



C37B6D



61575A



A10034



21000B



# Inverse Universe

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



C36D89



FC77A2



6DB5C3



61575A



A10034



21000B



# Previews

## White Background



This preview shows how the Hex color C36D89 looks on a white background.

## Color Contrast Check

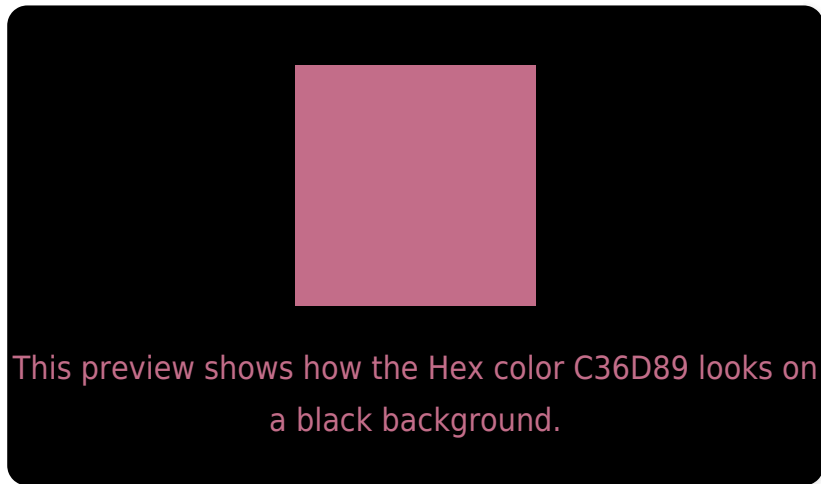
Large Text (above 18pt) WCAG AA ✓ Pass

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 C36D89 Background



This preview shows how black text looks on a background with the Hex color C36D89.



This preview shows how white text looks on a background with the Hex color C36D89.

# 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**  
C17078

# Trichromacy



**Original Color**  
C36D89

**Protanomaly**  
9C7E93

**Deuteranomaly**  
A67B86

**Tritanomaly**  
C26F7E

# Monochromacy



**Original Color**  
C36D89

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
9F7F8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C36D89 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 #C36D89 looks like.

```
.text, #text, p{  
    color:#C36D89  
}
```

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 #C36D89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C36D89
}
```

## Border

The CSS property to change the border of an element to Hex C36D89 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
#C36D89 }
```

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

```
.border{ border-color:#C36D89 }
```

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

Here you see how a box with a 4 pixel #C36D89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C36D89; -webkit-box-shadow:4px 4px  
4px 4px #C36D89; box-shadow:4px 4px 4px  
4px #C36D89 }
```

# Background

The CSS property to change the background color of an element to Hex C36D89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C36D89 }
```

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

```
.background{ background-color:#C36D89 }
```

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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