

# Converting Colors

Hex(C42768)

Have a look what the booklet for  
Hex(C42768) contains.

<b>Hex(C42768)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(C42768)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C42768
RGB	196, 39, 104
RGB Percent	77%, 15%, 41%
CMY	0.2314, 0.8471, 0.5922
CMYK	0.00, 0.80, 0.47, 0.23
HSL	335°, 67%, 46%
HSV	335°, 80%, 77%
XYZ	25.9892, 14.1863, 14.4651
YIQ	93.3530, 72.7070, 53.4990

# Conversions

## Conversions Part 2

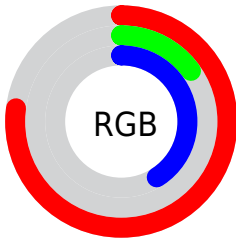
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 39, 104
Decimal	12855144
CIE <sub>Lab</sub>	44.50, 63.76, 2.26
CIE <sub>LCh</sub>	44, 63.799, 2.028
Yxy	14.1863, 0.4756, 0.2596
Android (android.graphics.Color)	4291045224 (0xFFC42768)
YUV	93.3530, 5.2490, 90.0214
Hunter-Lab	37.6647, 57.2544, 3.5949

# Details

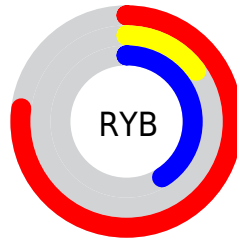
The Hex color **C42768** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **27C483**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF659B**, and **880039** is the 20% darker color. If you saturate the color by 10%, you get **C4135D**, and if you desaturate by 10%, it is **C43B73**.

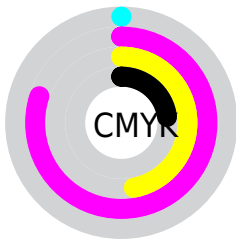
# Distribution



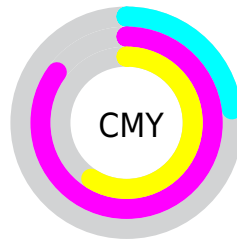
- Red (77%)
- Green (15%)
- Blue (41%)



- Red (77%)
- Yellow (15%)
- Blue (41%)



- Cyan (0%)
- Magenta (80%)
- Yellow (47%)
- Black (23%)



- Cyan (23%)
- Magenta (85%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C42768 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 C42768 by changing the saturation by 10% instead.



 C42768

 C42768

FFFFFF

 A60050

 FF659B

 880039

 FF82B6

 6B0024

 FF9ED1

 4E000E

 FFBBED

 320002

 FFD9FF

 000000

 FFF6FF

 C42768

 C42768

 C4135D

 C43B73

 C40051

 C44E7F

 C4628A

 C47596

 C489A1

 C49DAD

 C4B0B8

 C4C4C4

 C4D7CF

# Harmonies

## Analogous

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



AA3C9C



C42768



C03734

# Triad

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



C42768



467600



007BC7

# Complementary

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



C42768



27C483

# 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.



0080A1



C42768



007D34

# Square

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



C42768



7C6800



00806B



006FD4

# Rectangle

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



C42768



B04A10



00806B



007EBD



# Sweetspot

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



C42768



FFC2DB



8327C4



805B6A



000000



808080



# Same Dimension

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



C42768



FF0A70



C43427



61575B



A10043



21000E



# Inverse Universe

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



C42768



FF0A70



27B7C4



61575B



A10043



21000E



# Previews

## White Background



This preview shows how the Hex color C42768 looks on a white background.

## Color Contrast Check

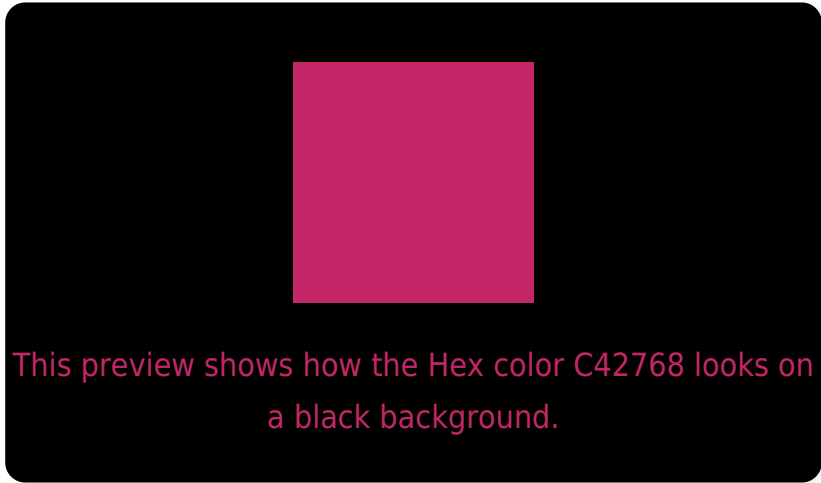
Large Text (above 18pt) WCAG AA ✓ Pass

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 C42768 Background



This preview shows how black text looks on a background with the Hex color C42768.



This preview shows how white text looks on a background with the Hex color C42768.

# 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](#).

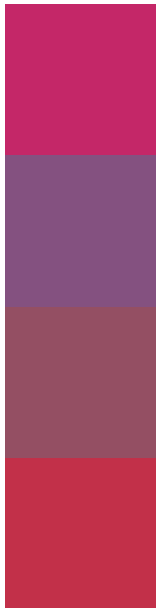
## Dichromacy





**Tritanopia**  
C13537

# Trichromacy



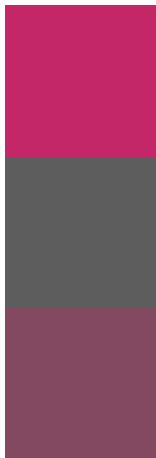
**Original Color**  
C42768

**Protanomaly**  
845180

**Deuteranomaly**  
944F63

**Tritanomaly**  
C23049

# Monochromacy



**Original Color**  
C42768

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
824961

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C42768 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 #C42768 looks like.

```
.text, #text, p{  
    color:#C42768  
}
```

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 #C42768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C42768
}
```

## Border

The CSS property to change the border of an element to Hex C42768 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
#C42768 }
```

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

```
.border{ border-color:#C42768 }
```

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

Here you see how a box with a 4 pixel #C42768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C42768; -webkit-box-shadow:4px 4px  
4px 4px #C42768; box-shadow:4px 4px 4px  
4px #C42768 }
```

# Background

The CSS property to change the background color of an element to Hex C42768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C42768 }
```

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

```
.background{ background-color:#C42768 }
```

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