

# Converting Colors

Hex(C61684)

Have a look what the booklet for  
Hex(C61684) contains.

<b>Hex(C61684)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C61684)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C61684
RGB	198, 22, 132
RGB Percent	78%, 9%, 52%
CMY	0.2235, 0.9137, 0.4824
CMYK	0.00, 0.89, 0.33, 0.22
HSL	322°, 80%, 43%
HSV	322°, 89%, 78%
XYZ	27.7405, 14.2455, 23.1174
YIQ	87.1640, 69.5860, 71.5220

# Conversions

## Conversions Part 2

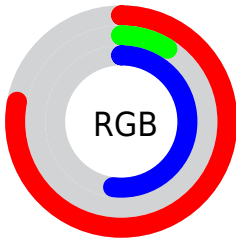
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 22, 132
Decimal	12981892
CIELab	44.58, 70.53, -14.86
CIElCh	45, 72.076, 348.102
Yxy	14.2455, 0.4261, 0.2188
Android (android.graphics.Color)	4291171972 (0xFFC61684)
YUV	87.1640, 22.1041, 97.2032
Hunter-Lab	37.7432, 65.1429, -9.8943

# Details

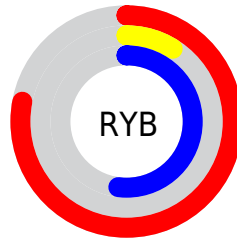
The Hex color **C61684** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **16C658**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF5EB9**, and **8B0052** is the 20% darker color. If you saturate the color by 10%, you get **C6027D**, and if you desaturate by 10%, it is **C62A8B**.

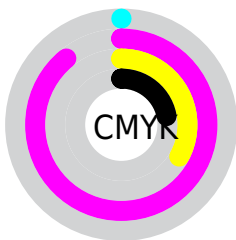
# Distribution



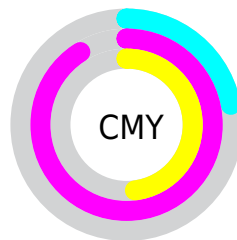
- Red (78%)
- Green (9%)
- Blue (52%)



- Red (78%)
- Yellow (9%)
- Blue (52%)



- Cyan (0%)
- Magenta (89%)
- Yellow (33%)
- Black (22%)



- Cyan (22%)
- Magenta (91%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C61684 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 C61684 by changing the saturation by 10% instead.



 C61684

 C61684

FFFFFF

 A8006B

 FF5EB9

 8B0052

 FF7CD5

 6E003B

 FF99F1

 510026

 FFB6FF

 36000F

 FFD3FF

 0B0000

 FFF1FF

 000000

 C61684

 C61684

 C6027D

 C62A8B

 C6007C

 C63E93

 C6519A

 C665A2

 C679A9

 C68DB1

 C6A1B8

 C6B4BF

 C6C8C7

# Harmonies

## Analogous

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



9744BB



C61684



CF1348

# Triad

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



C61684



5F7200



0081C3

# Complementary

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



C61684



16C658

# 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.



00838D



C61684



007C01

# Square

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



C61684



945E00



00814F



0078E0

# Rectangle

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



C61684



C53221



00814F



0082B3



# Sweetspot

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



C61684



FFBAE5



5716C6



805770



000000



808080



# Same Dimension

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



C61684



FF009F



C6162D



635A60



A30066



240016



# Inverse Universe

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



C61684



FF009F



16C6AF



635A60



A30066



240016



# Previews

## White Background



This preview shows how the Hex color C61684 looks on a white background.

## Color Contrast Check

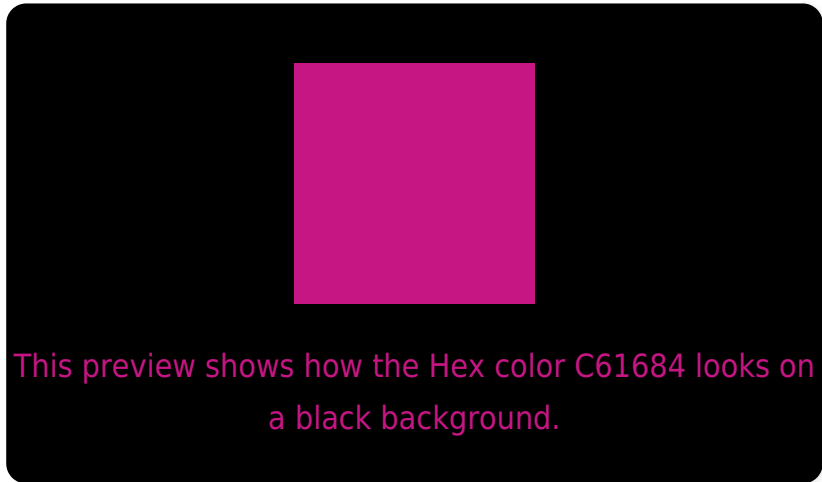
Large Text (above 18pt) WCAG AA ✓ Pass

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 C61684 Background



This preview shows how black text looks on a background with the Hex color C61684.



This preview shows how white text looks on a background with the Hex color C61684.

# 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**  
C61684

**Protanopia**  
4668BA

**Deuteranopia**  
6D687B



**Tritanopia**  
C13739

# Trichromacy



**Original Color**  
C61684



**Protanomaly**  
754AA6



**Deuteranomaly**  
8D4A7E



**Tritanomaly**  
C32B54

# Monochromacy



**Original Color**  
C61684



**Achromatopsia**  
575757



**Achromatomaly**  
7F3F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C61684 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 #C61684 looks like.

```
.text, #text, p{  
    color:#C61684  
}
```

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 #C61684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C61684
}
```

## Border

The CSS property to change the border of an element to Hex C61684 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
#C61684 }
```

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

```
.border{ border-color:#C61684 }
```

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

Here you see how a box with a 4 pixel #C61684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C61684; -webkit-box-shadow:4px 4px  
4px 4px #C61684; box-shadow:4px 4px 4px  
4px #C61684 }
```

# Background

The CSS property to change the background color of an element to Hex C61684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C61684 }
```

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

```
.background{ background-color:#C61684 }
```

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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