

# Converting Colors

Hex(C64688)

Have a look what the booklet for  
Hex(C64688) contains.

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**Color**

**Hex(C64688)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C64688
RGB	198, 70, 136
RGB Percent	78%, 27%, 53%
CMY	0.2235, 0.7255, 0.4667
CMYK	0.00, 0.65, 0.31, 0.22
HSL	329°, 53%, 53%
HSV	329°, 65%, 78%
XYZ	29.9228, 18.1637, 25.2214
YIQ	115.7960, 55.1020, 47.6620

# Conversions

## Conversions Part 2

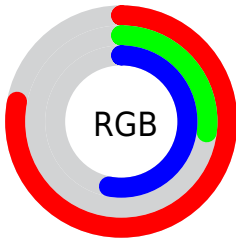
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 70, 136
Decimal	12994184
CIE <sub>Lab</sub>	49.69, 56.98, -9.56
CIE <sub>LCh</sub>	50, 57.773, 350.472
Yxy	18.1637, 0.4082, 0.2478
Android (android.graphics.Color)	4291184264 (0xFFC64688)
YUV	115.7960, 9.9606, 72.0929
Hunter-Lab	42.6188, 50.7423, -5.2540

# Details

The Hex color **C64688** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **46C684**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF7EBD**, and **8C0056** is the 20% darker color. If you saturate the color by 10%, you get **C6327E**, and if you desaturate by 10%, it is **C65A92**.

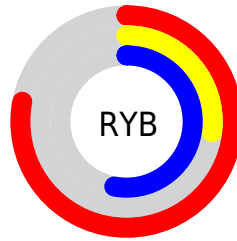
# Distribution



Red (78%)

Green (27%)

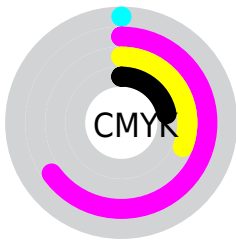
Blue (53%)



Red (78%)

Yellow (27%)

Blue (53%)

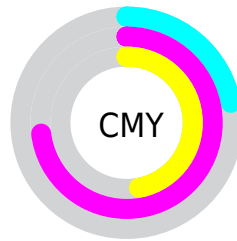


Cyan (0%)

Magenta (65%)

Yellow (31%)

Black (22%)



Cyan (22%)

Magenta (73%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C64688 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 C64688 by changing the saturation by 10% instead.



 C64688

 C64688

FFFFFF

 A9286F

 FF7EBD

 8C0056

 FF9AD9

 70003F

 FFB6F6

 540029

 FFD3FF

 3C0015

 FFF0FF

 190001

 000000

 C64688

 C64688

 C6327E

 C65A92

 C61E75

 C66E9B

 C60B6B

 C681A5

 C60066

 C695AE

 C6A9B8

 C6BDC2

 C6D1CB

 C6E4D5

 C6F8DE

# Harmonies

## Analogous

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



A259B5



C64688



CD4757

# Triad

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



C64688



6E7E01



008AC1

# Complementary

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



C64688



46C684

# 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.



008D97



C64688



2C8733

# Square

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



C64688



9B6E00



008C64



0081D7

# Rectangle

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



C64688



C45239



008C64



008BB5



# Sweetspot

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



C64688



FFCFE8



8446C6



806271



000000



808080



# Same Dimension

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



C64688



FF389F



C64648



635A5F



A30054



240012



# Inverse Universe

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



C64688



FF389F



46C6C4



635A5F



A30054

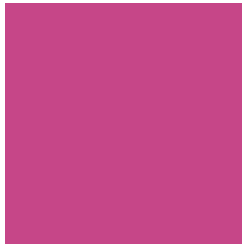


240012



# Previews

## White Background



This preview shows how the Hex color C64688 looks on a white background.

## Color Contrast Check

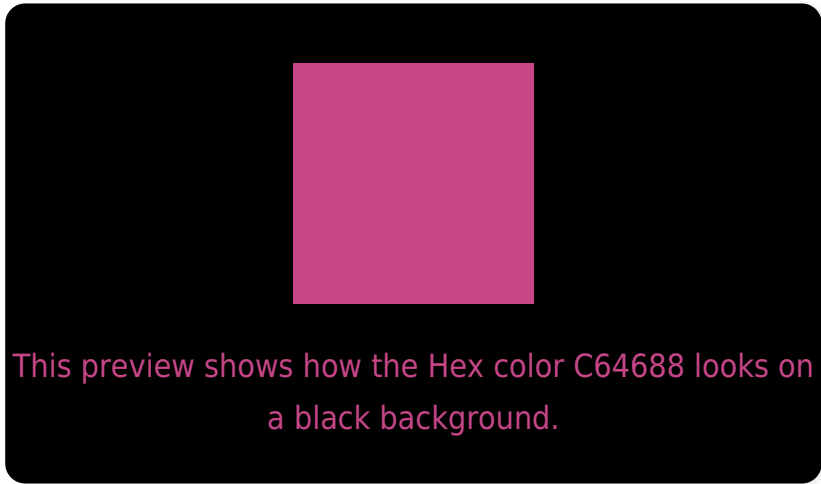
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

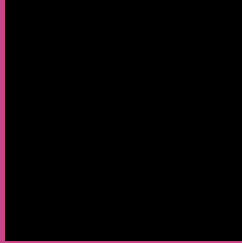
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C64688 Background



This preview shows how black text looks on a background with the Hex color C64688.



This preview shows how white text looks on a background with the Hex color C64688.

# Color Blindness Simulation

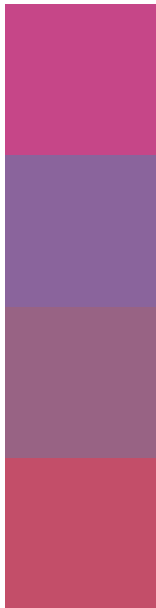
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
C64688

**Protanomaly**  
8A649C

**Deuteranomaly**  
986384

**Tritanomaly**  
C34E69

# Monochromacy



**Original Color**  
C64688

**Achromatopsia**  
747474

**Achromatomaly**  
92637B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C64688 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 #C64688 looks like.

```
.text, #text, p{  
    color:#C64688  
}
```

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 #C64688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C64688
}
```

## Border

The CSS property to change the border of an element to Hex C64688 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
#C64688 }
```

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

```
.border{ border-color:#C64688 }
```

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

Here you see how a box with a 4 pixel #C64688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C64688; -webkit-box-shadow:4px 4px  
4px 4px #C64688; box-shadow:4px 4px 4px  
4px #C64688 }
```

# Background

The CSS property to change the background color of an element to Hex C64688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C64688 }
```

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

```
.background{ background-color:#C64688 }
```

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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