

# Converting Colors

Hex(CC618D)

Have a look what the booklet for  
Hex(CC618D) contains.

<b>Hex(CC618D)</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(CC618D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC618D
RGB	204, 97, 141
RGB Percent	80%, 38%, 55%
CMY	0.2000, 0.6196, 0.4471
CMYK	0.00, 0.52, 0.31, 0.20
HSL	335°, 51%, 59%
HSV	335°, 52%, 80%
XYZ	33.9843, 23.3098, 27.9074
YIQ	134.0090, 49.6480, 36.3680

# Conversions

## Conversions Part 2

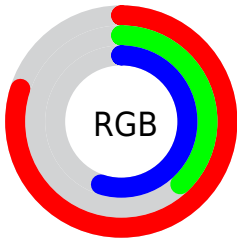
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 97, 141
Decimal	13394317
CIE Lab	55.39, 47.17, -3.96
CIE LCh	55, 47.331, 355.205
Yxy	23.3098, 0.3989, 0.2736
Android (android.graphics.Color)	4291584397 (0xFFCC618D)
YUV	134.0090, 3.4466, 61.3821
Hunter-Lab	48.2803, 41.1548, -0.4751

# Details

The Hex color **CC618D** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **61CCA0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF97C3**, and **932C5B** is the 20% darker color. If you saturate the color by 10%, you get **CC4D81**, and if you desaturate by 10%, it is **CC7599**.

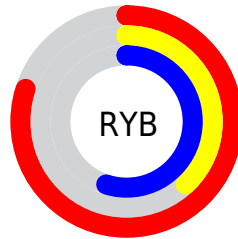
# Distribution



Red (80%)

Green (38%)

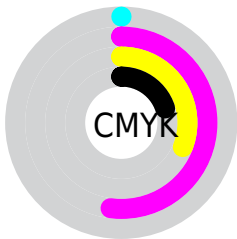
Blue (55%)



Red (80%)

Yellow (38%)

Blue (55%)

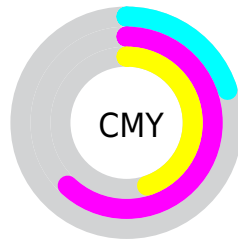


Cyan (0%)

Magenta (52%)

Yellow (31%)

Black (20%)



Cyan (20%)

Magenta (62%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC618D 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 CC618D by changing the saturation by 10% instead.



 CC618D

 CC618D

FFFFFF

 AF4774

 FF97C3

 932C5B

 FFB3DE

 770A44

 FFCFFB

 5C002D

 FFECCF

 410019

 280001

 000000

 CC618D

 CC618D

 CC4D81

 CC7599

 CC3875

 CC8AA5

 CC2469

 CC9EB1

 CC0F5D

 CCB3BD

 CC0054

 CCC7C9

 CCDBD5

 CCF0E1

 CCFFED

 CCFFF9

# Harmonies

## Analogous

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



B16CB4



CC618D



D06364

# Triad

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



CC618D



798D36



0094C7

# Complementary

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



CC618D



61CCA0

# 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.



0099A6



CC618D



459554

# Square

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



CC618D



A1802F



00997C



008BD6

# Rectangle

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



CC618D



C76C4C



00997C



0096BE



# Sweetspot

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



CC618D



FFD6E7



9F61CC



806771



000000



808080



# Same Dimension

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



CC618D



FF5EA0



CC6A61



665C60



A60044



260010



# Inverse Universe

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



CC618D



FF5EA0



61C3CC



665C60



A60044



260010



# Previews

## White Background



This preview shows how the Hex color CC618D looks on a white background.

## Color Contrast Check

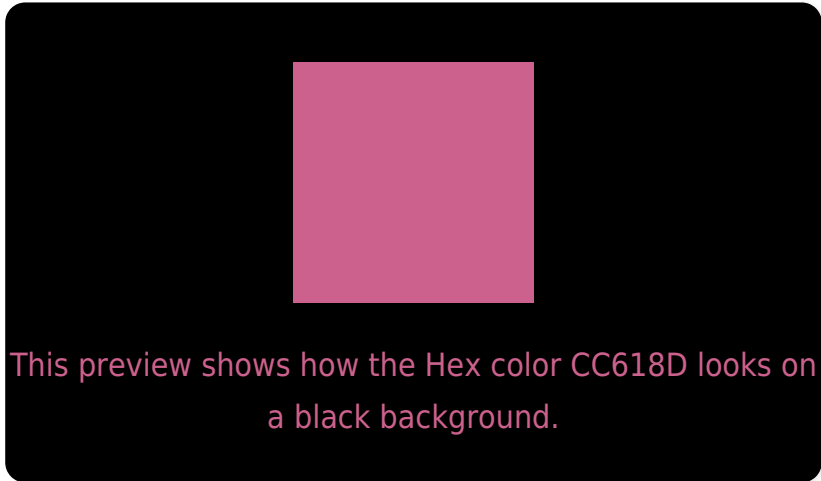
Large Text (above 18pt) WCAG AA ✓ Pass

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

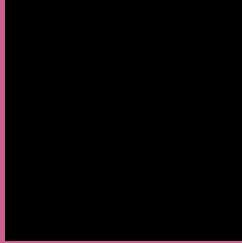
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CC618D Background



This preview shows how black text looks on a background with the Hex color CC618D.



This preview shows how white text looks on a background with the Hex color CC618D.

# 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**  
C9676E

# Trichromacy



**Original Color**  
CC618D



**Protanomaly**  
9A779B



**Deuteranomaly**  
A6758A



**Tritanomaly**  
CA6579

# Monochromacy



**Original Color**  
CC618D



**Achromatopsia**  
868686



**Achromatomaly**  
9F7989

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC618D 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 #CC618D looks like.

```
.text, #text, p{  
    color:#CC618D  
}
```

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 #CC618D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC618D
}
```

## Border

The CSS property to change the border of an element to Hex CC618D 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
#CC618D }
```

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

```
.border{ border-color:#CC618D }
```

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

Here you see how a box with a 4 pixel #CC618D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC618D; -webkit-box-shadow:4px 4px  
4px 4px #CC618D; box-shadow:4px 4px 4px  
4px #CC618D }
```

# Background

The CSS property to change the background color of an element to Hex CC618D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC618D }
```

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

```
.background{ background-color:#CC618D }
```

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