

# Converting Colors

Hex(C13974)

Have a look what the booklet for  
Hex(C13974) contains.

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**Color**

**Hex(C13974)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C13974
RGB	193, 57, 116
RGB Percent	76%, 22%, 45%
CMY	0.2431, 0.7765, 0.5451
CMYK	0.00, 0.70, 0.40, 0.24
HSL	334°, 54%, 49%
HSV	334°, 70%, 76%
XYZ	26.6078, 15.5247, 18.1172
YIQ	104.3900, 62.1170, 47.1810

# Conversions

## Conversions Part 2

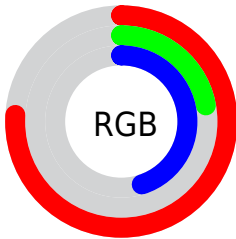
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 57, 116
Decimal	12663156
CIE <sub>Lab</sub>	46.34, 58.36, -2.51
CIE <sub>LCh</sub>	46, 58.412, 357.534
Yxy	15.5247, 0.4416, 0.2577
Android (android.graphics.Color)	4290853236 (0xFFC13974)
YUV	104.3900, 5.7237, 77.7110
Hunter-Lab	39.4014, 51.5891, 0.3188

# Details

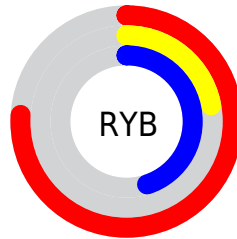
The Hex color **C13974** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **39C186**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FD72A8**, and **870044** is the 20% darker color. If you saturate the color by 10%, you get **C12669**, and if you desaturate by 10%, it is **C14C7F**.

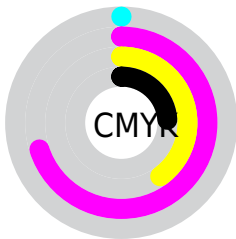
# Distribution



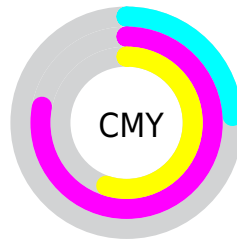
- Red (76%)
- Green (22%)
- Blue (45%)



- Red (76%)
- Yellow (22%)
- Blue (45%)



- Cyan (0%)
- Magenta (70%)
- Yellow (40%)
- Black (24%)



- Cyan (24%)
- Magenta (78%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C13974 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 C13974 by changing the saturation by 10% instead.



 C13974

 C13974

FFFFFF

 A4165B

 FD72A8

 870044

 FF8EC3

 6A002E

 FFAADF

 4E001A

 FFC7FB

 340002

 FFE4FF

 000000

 C13974

 C13974

 C12669

 C14C7F

 C1125E

 C1608A

 C10054

 C17395

 C186A0

 C19AAB

 C1ADB6

 C1C0C0

 C1D3CB

 C1E7D6

# Harmonies

## Analogous

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



A44AA3



C13974



C24044

# Triad

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



C13974



587800



0080C0

# Complementary

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



C13974



39C186

# 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.



00849A



C13974



008036

# Square

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



C13974



886A00



008468



0075D0

# Rectangle

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



C13974



B54E26



008468



0082B5



# Sweetspot

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



C13974



FAC5DC



8439C1



7D5E6B



FCFCFC



7D7D7D



# Same Dimension

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



C13974



FA2582



C14039



61575B



A10046



21000E



# Inverse Universe

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



C13974



FA2582



39BAC1



61575B



A10046



21000E



# Previews

## White Background



This preview shows how the Hex color C13974 looks on a white background.

## Color Contrast Check

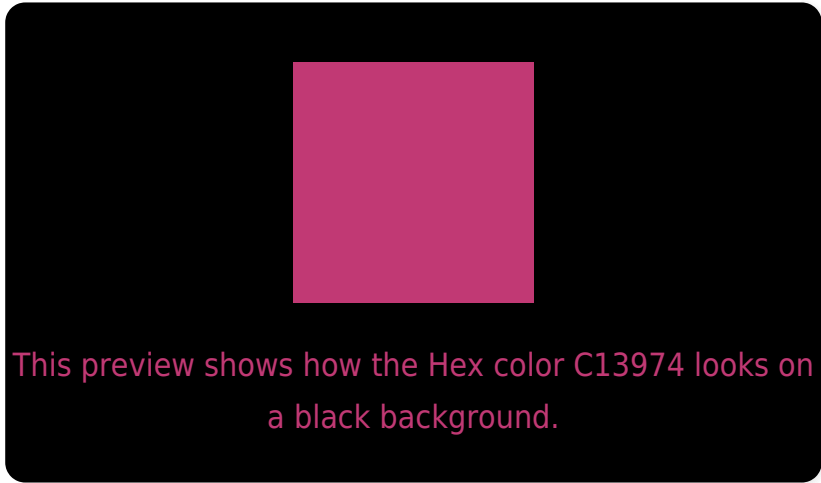
Large Text (above 18pt) WCAG AA ✓ Pass

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 C13974 Background



This preview shows how black text looks on a background with the Hex color C13974.



This preview shows how white text looks on a background with the Hex color C13974.

# 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



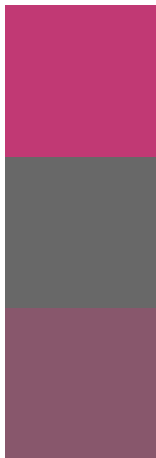
**Original Color**  
C13974

**Protanomaly**  
855A89

**Deuteranomaly**  
945970

**Tritanomaly**  
BF4058

# Monochromacy



**Original Color**  
C13974

**Achromatopsia**  
686868

**Achromatomaly**  
88576C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C13974 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 #C13974 looks like.

```
.text, #text, p{  
    color:#C13974  
}
```

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 #C13974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13974
}
```

## Border

The CSS property to change the border of an element to Hex C13974 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
#C13974 }
```

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

```
.border{ border-color:#C13974 }
```

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

Here you see how a box with a 4 pixel #C13974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13974; -webkit-box-shadow:4px 4px  
4px 4px #C13974; box-shadow:4px 4px 4px  
4px #C13974 }
```

# Background

The CSS property to change the background color of an element to Hex C13974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13974 }
```

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

```
.background{ background-color:#C13974 }
```

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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