

# Converting Colors

Hex(CF5174)

Have a look what the booklet for  
Hex(CF5174) contains.

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# Color

**Hex(CF5174)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF5174
RGB	207, 81, 116
RGB Percent	81%, 32%, 45%
CMY	0.1882, 0.6824, 0.5451
CMYK	0.00, 0.61, 0.44, 0.19
HSL	343°, 57%, 56%
HSV	343°, 61%, 81%
XYZ	31.8269, 20.4112, 18.7853
YIQ	122.6640, 63.8610, 37.5970

# Conversions

## Conversions Part 2

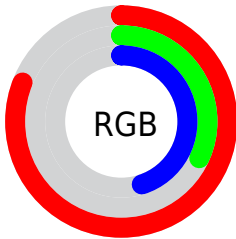
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 81, 116
Decimal	13586804
CIE <sub>Lab</sub>	52.30, 52.82, 6.42
CIE <sub>LCh</sub>	52, 53.204, 6.928
Yxy	20.4112, 0.4481, 0.2874
Android (android.graphics.Color)	4291776884 (0xFFCF5174)
YUV	122.6640, -3.2854, 73.9627
Hunter-Lab	45.1788, 46.6845, 6.9724

# Details

The Hex color **CF5174** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **51CFAC**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF88A8**, and **941444** is the 20% darker color. If you saturate the color by 10%, you get **CF3C65**, and if you desaturate by 10%, it is **CF6683**.

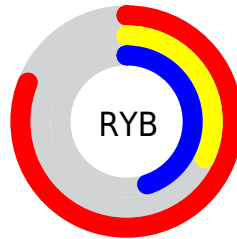
# Distribution



Red (81%)

Green (32%)

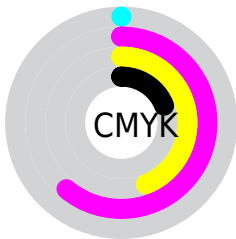
Blue (45%)



Red (81%)

Yellow (32%)

Blue (45%)

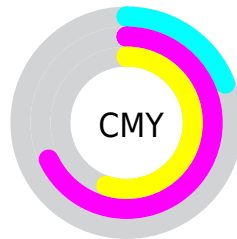


Cyan (0%)

Magenta (61%)

Yellow (44%)

Black (19%)



Cyan (19%)

Magenta (68%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF5174 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 CF5174 by changing the saturation by 10% instead.



 CF5174

 CF5174

FFFFFF

 B1355C

 FF88A8

 941444

 FFA4C3

 77002E

 FFC0DF

 5B001A

 FFDDFB

 410001

 FFFAFF

 210001

 000000

 CF5174

 CF5174

 CF3C65

 CF6683

 CF2856

 CF7A92

 CF1347

 CF8FA1

 CF003A

 CFA4B0

 CFB9BF

 CFCDCE

 CFE2DD

 CFF7EC

 CFFFFB

# Harmonies

## Analogous

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



BC59A1



CF5174



C95B48

# Triad

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



CF5174



5A892E



008BD0

# Complementary

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



CF5174



51CFAC

# 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.



0091B2



CF5174



009057

# Square

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



CF5174



8A7E16



009386



277ED8

# Rectangle

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



CF5174



BA6730



009386



008EC9



# Sweetspot

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



CF5174



FFD1DE



AB51CF



80636B



000000



808080



# Same Dimension

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



CF5174



FF4579



CF6C51



695E61



A8002F



29000B



# Inverse Universe

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



CF5174



FF4579



51B4CF



695E61



A8002F

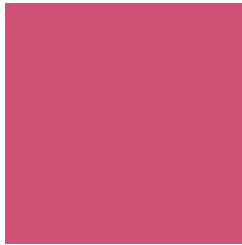


29000B



# Previews

## White Background



This preview shows how the Hex color CF5174 looks on a white background.

## Color Contrast Check

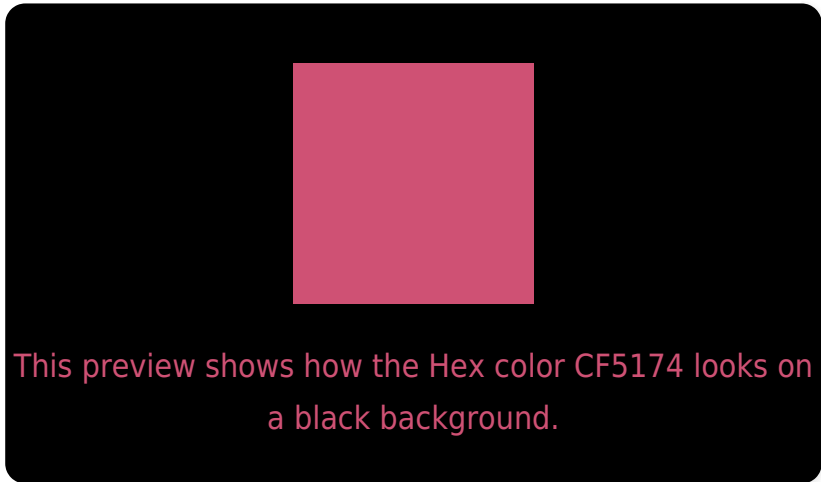
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF5174 Background



This preview shows how black text looks on a background with the Hex color CF5174.



This preview shows how white text looks on a background with the Hex color CF5174.

# 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**  
CF5174

**Protanopia**  
7B7C8D

**Deuteranopia**  
8F796E



# Trichromacy



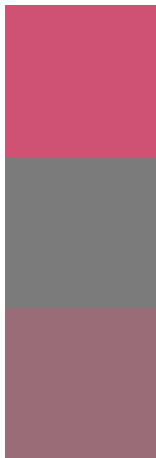
**Original Color**  
CF5174

**Protanomaly**  
9A6C84

**Deuteranomaly**  
A66A70

**Tritanomaly**  
CE5464

# Monochromacy



**Original Color**  
CF5174

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
9A6C78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF5174 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 #CF5174 looks like.

```
.text, #text, p{  
    color:#CF5174  
}
```

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 #CF5174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF5174
}
```

## Border

The CSS property to change the border of an element to Hex CF5174 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
#CF5174 }
```

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

```
.border{ border-color:#CF5174 }
```

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

Here you see how a box with a 4 pixel #CF5174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF5174; -webkit-box-shadow:4px 4px  
4px 4px #CF5174; box-shadow:4px 4px 4px  
4px #CF5174 }
```

# Background

The CSS property to change the background color of an element to Hex CF5174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF5174 }
```

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

```
.background{ background-color:#CF5174 }
```

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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