

# Converting Colors

Hex(CF264F)

Have a look what the booklet for  
Hex(CF264F) contains.

<b>Hex(CF264F)</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(CF264F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF264F
RGB	207, 38, 79
RGB Percent	81%, 15%, 31%
CMY	0.1882, 0.8510, 0.6902
CMYK	0.00, 0.82, 0.62, 0.19
HSL	345°, 69%, 48%
HSV	345°, 82%, 81%
XYZ	27.8365, 15.2161, 8.8670
YIQ	93.2050, 87.5630, 48.5790

# Conversions

## Conversions Part 2

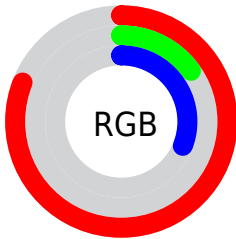
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 38, 79
Decimal	13575759
CIE Lab	45.93, 65.11, 20.08
CIE LCh	46, 68.137, 17.143
Yxy	15.2161, 0.5361, 0.2931
Android (android.graphics.Color)	4291765839 (0xFFCF264F)
YUV	93.2050, -7.0031, 99.7982
Hunter-Lab	39.0079, 59.1162, 13.8281

# Details

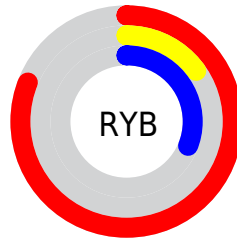
The Hex color **CF264F** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **26CFA6**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6680**, and **910023** is the 20% darker color. If you saturate the color by 10%, you get **CF113F**, and if you desaturate by 10%, it is **CF3B5F**.

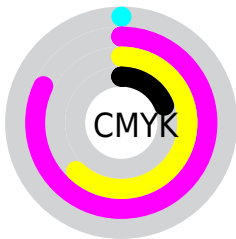
# Distribution



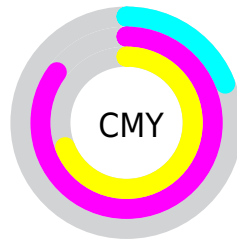
- Red (81%)
- Green (15%)
- Blue (31%)



- Red (81%)
- Yellow (15%)
- Blue (31%)



- Cyan (0%)
- Magenta (82%)
- Yellow (62%)
- Black (19%)



- Cyan (19%)
- Magenta (85%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF264F 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 CF264F by changing the saturation by 10% instead.



 CF264F

 CF264F

FFFFFF

 B00038

 FF6680

 910023

 FF839A

 73000F

 FF9FB4

 550001

 FFBCD0

 380002

 FFDAEC

 0C0000

 FFF8FF

 000000

 CF264F

 CF264F

 CF113F

 CF3B5F

 CF0032

 CF4F6E

 CF647E

 CF798E

 CF8E9D

 CFA2AD

 CFB7BD

 CFC0CC

 CFE0DC

# Harmonies

## Analogous

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



C52A88



CF264F



BD4517

# Triad

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



CF264F



097F10



007BDD

# Complementary

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



CF264F



26CFA6

# 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.



0083C0



CF264F



008451

# Square

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



CF264F



667400



00858D



0D69DB

# Rectangle

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



CF264F



A65900



00858D



007FD7



# Sweetspot

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



CF264F



FFC2D1



A526CF



805B63



000000



808080



# Same Dimension

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



CF264F



FF0542



CF5026



695E61



A80029



29000A



# Inverse Universe

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



CF264F



FF0542



26A5CF



695E61



A80029



29000A



# Previews

## White Background



This preview shows how the Hex color CF264F looks on a white background.

## Color Contrast Check

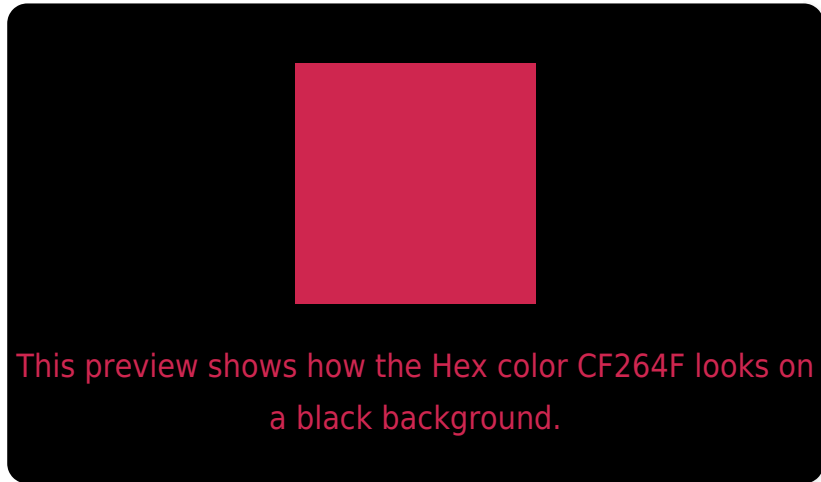
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF264F Background



This preview shows how black text looks on a background with the Hex color CF264F.



This preview shows how white text looks on a background with the Hex color CF264F.

# 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



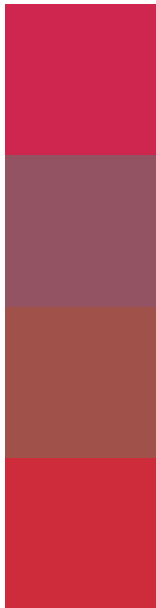
**Original Color**  
CF264F

**Protanopia**  
706D6E

**Deuteranopia**  
846947



# Trichromacy



**Original Color**  
CF264F

**Protanomaly**  
935363

**Deuteranomaly**  
9F514A

**Tritanomaly**  
CE2B3B

# Monochromacy



**Original Color**  
CF264F

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
864958

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF264F 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 #CF264F looks like.

```
.text, #text, p{  
    color:#CF264F  
}
```

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 #CF264F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF264F
}
```

## Border

The CSS property to change the border of an element to Hex CF264F 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
#CF264F }
```

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

```
.border{ border-color:#CF264F }
```

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

Here you see how a box with a 4 pixel #CF264F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF264F; -webkit-box-shadow:4px 4px  
4px 4px #CF264F; box-shadow:4px 4px 4px  
4px #CF264F }
```

# Background

The CSS property to change the background color of an element to Hex CF264F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF264F }
```

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

```
.background{ background-color:#CF264F }
```

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