

# Converting Colors

Hex(C35F68)

Have a look what the booklet for  
Hex(C35F68) contains.

<b>Hex(C35F68)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C35F68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C35F68
RGB	195, 95, 104
RGB Percent	76%, 37%, 41%
CMY	0.2353, 0.6275, 0.5922
CMYK	0.00, 0.51, 0.47, 0.24
HSL	355°, 45%, 57%
HSV	355°, 51%, 76%
XYZ	29.0966, 20.7860, 15.5752
YIQ	125.9260, 56.7110, 23.9990

# Conversions

## Conversions Part 2

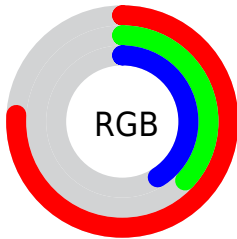
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">195, 95, 104</a>
Decimal	<a href="#">12803944</a>
CIELab	<a href="#">52.71, 40.80, 13.88</a>
CIELCh	<a href="#">53, 43.092, 18.784</a>
Yxy	<a href="#">20.7860, 0.4445, 0.3175</a>
Android (android.graphics.Color)	<a href="#">4290994024 (0xFFC35F68)</a>
YUV	<a href="#">125.9260, -10.8095, 60.5779</a>
Hunter-Lab	<a href="#">45.5917, 34.1332, 11.6592</a>

# Details

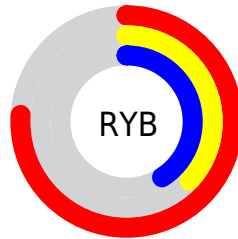
The Hex color **C35F68** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **5FC3BA**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF949B**, and **892C39** is the 20% darker color. If you saturate the color by 10%, you get **C34C56**, and if you desaturate by 10%, it is **C3737A**.

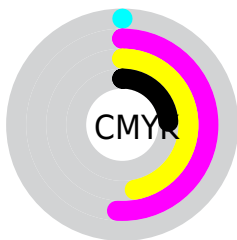
# Distribution



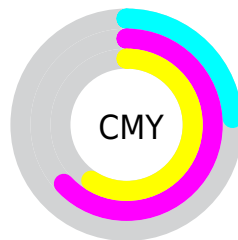
- Red (76%)
- Green (37%)
- Blue (41%)



- Red (76%)
- Yellow (37%)
- Blue (41%)



- Cyan (0%)
- Magenta (51%)
- Yellow (47%)
- Black (24%)



- Cyan (24%)
- Magenta (63%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C35F68 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 C35F68 by changing the saturation by 10% instead.



 C35F68

 C35F68

FFFFFF

 A64550

 FF949B

 892C39

 FFAFB6

 6D0F24

 FFCBD1

 52000F

 FFE8EE

 380000

 150000

 000000

 C35F68

 C35F68

 C34C56

 C3737A

 C33845

 C3868B

 C32533

 C39A9D

 C31121

 C3ADAF

 C30012

 C3C1C1

 C3D4D2

 C3E8E4

 C3FBF6

 C3FFFF

# Harmonies

## Analogous

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



BB608D



C35F68



B86947

# Triad

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



C35F68



518B4B



0086C6

# Complementary

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



C35F68



5FC3BA

# 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.



008DB5



C35F68



00906E

# Square

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



C35F68



7C8334



009094



697AC4

# Rectangle

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



C35F68



A97238



009094



0089C2



# Sweetspot

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



C35F68



FCD7DA



B95FC3



80696B



000000



808080



# Same Dimension

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



C35F68



FC606E



C3875F



615758



A1000E



210003



# Inverse Universe

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



C35F68



FC606E



5F9BC3



615758



A1000E

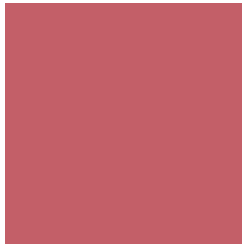


210003



# Previews

## White Background



This preview shows how the Hex color C35F68 looks on a white background.

## Color Contrast Check

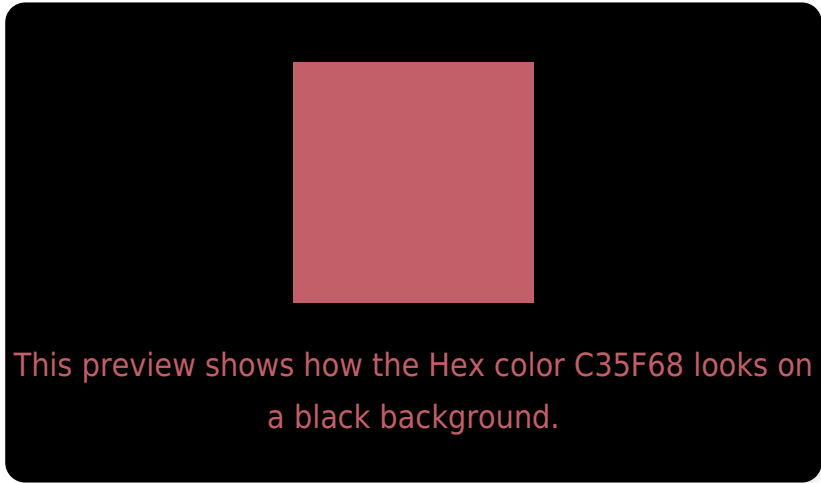
Large Text (above 18pt) WCAG AA ✓ Pass

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 C35F68 Background



This preview shows how black text looks on a background with the Hex color C35F68.

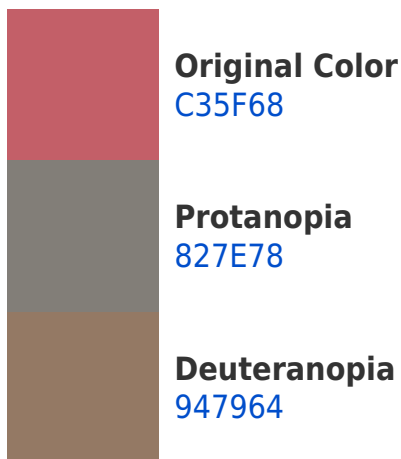


This preview shows how white text looks on a background with the Hex color C35F68.

# 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**  
C35F66

# Trichromacy



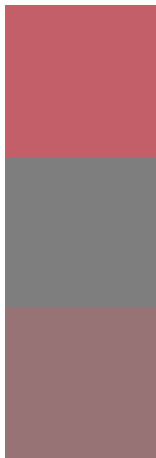
**Original Color**  
C35F68

**Protanomaly**  
9A7372

**Deuteranomaly**  
A57065

**Tritanomaly**  
C35F67

# Monochromacy



**Original Color**  
C35F68

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
977376

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C35F68 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 #C35F68 looks like.

```
.text, #text, p{  
    color:#C35F68  
}
```

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 #C35F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35F68
}
```

## Border

The CSS property to change the border of an element to Hex C35F68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

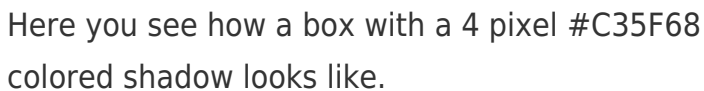
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C35F68 }
```

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

```
.border{ border-color:#C35F68 }
```

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



Here you see how a box with a 4 pixel `#C35F68` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35F68; -webkit-box-shadow:4px 4px  
4px 4px #C35F68; box-shadow:4px 4px 4px  
4px #C35F68 }
```

# Background

The CSS property to change the background color of an element to Hex C35F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35F68 }
```

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

```
.background{ background-color:#C35F68 }
```

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