

# Converting Colors

Hex(F35393)

Have a look what the booklet for  
Hex(F35393) contains.

<b>Hex(F35393)</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(F35393)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F35393
RGB	243, 83, 147
RGB Percent	95%, 33%, 58%
CMY	0.0471, 0.6745, 0.4235
CMYK	0.00, 0.66, 0.40, 0.05
HSL	336°, 87%, 64%
HSV	336°, 66%, 95%
XYZ	45.3219, 27.3478, 30.4937
YIQ	138.1360, 74.8160, 53.8240

# Conversions

## Conversions Part 2

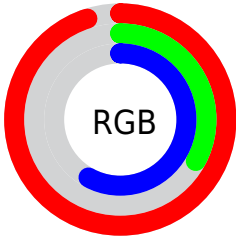
Format	Color
R <sub>Y</sub> B	243, 83, 147
Decimal	15946643
CIE Lab	59.29, 66.08, -1.03
CIE LCh	59, 66.086, 359.104
Yxy	27.3478, 0.4393, 0.2651
Android (android.graphics.Color)	4294136723 (0xFFFF35393)
YUV	138.1360, 4.3700, 91.9657
Hunter-Lab	52.2951, 63.1816, 2.0341

# Details

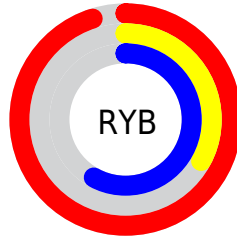
The Hex color **F35393** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **53F3B3**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF8DC9**, and **B60161** is the 20% darker color. If you saturate the color by 10%, you get **F33B84**, and if you desaturate by 10%, it is **F36BA2**.

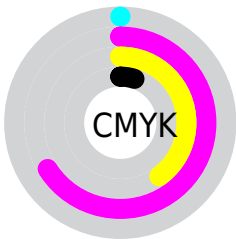
# Distribution



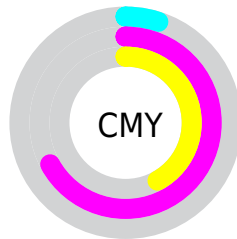
- Red (95%)
- Green (33%)
- Blue (58%)



- Red (95%)
- Yellow (33%)
- Blue (58%)



- Cyan (0%)
- Magenta (66%)
- Yellow (40%)
- Black (5%)



- Cyan (5%)
- Magenta (67%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F35393 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 F35393 by changing the saturation by 10% instead.



 F35393

 F35393

FFFFFF

 D43379

 FF8DC9

 B60161

 FFAAE5

 980049

 FFC7FF

 7B0033

 FFE5FF

 5D001E

 430003

 220001

 000000

 F35393

 F35393

 F33B84

 F36BA2

 F32276

 F384B0

 F30A67

 F39CBF

 F30061

 F3B4CD

 F3CCDC

 F3E5EA

 F3FDF9

 F3FFFF

# Harmonies

## Analogous

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



D265CB



F35393



F35C5A

# Triad

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



F35393



739C17



00A4F2

# Complementary

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



F35393



53F3B3

# 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.



00A9C6



F35393



00A54F

# Square

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



F35393



AC8B00



00A98B



0096FF

# Rectangle

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



F35393



E36C37



00A98B



00A6E6



# Sweetspot

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



F35393



FFCCE0



B353F3



80616D



000000



808080



# Same Dimension

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



F35393



FF3686



F36353



7A6E73



BA004A



3B0017



# Inverse Universe

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



F35393



FF3686



53E3F3



7A6E73



BA004A



3B0017



# Previews

## White Background



This preview shows how the Hex color F35393 looks on a white background.

## Color Contrast Check

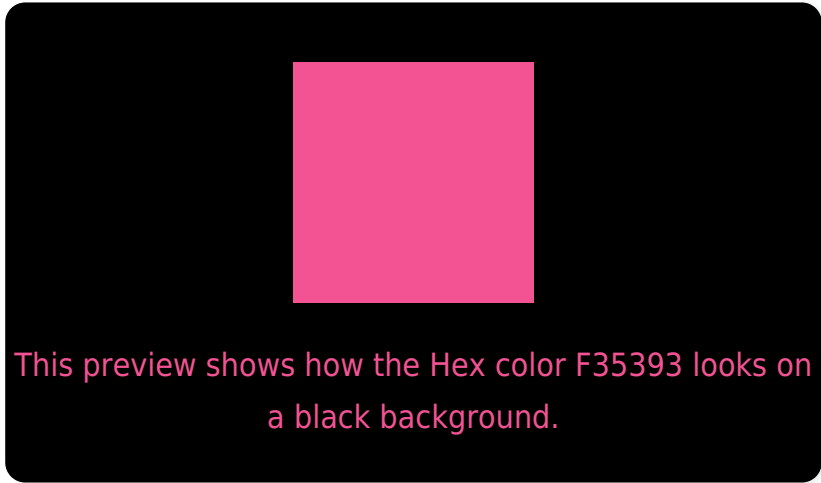
Large Text (above 18pt) WCAG AA ✓ Pass

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 F35393 Background



This preview shows how black text looks on a background with the Hex color F35393.




This preview shows how white text looks on a background with the Hex color F35393.

# 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**  
F05E64

# Trichromacy



**Original Color**  
F35393



**Protanomaly**  
AC79AB



**Deuteranomaly**  
BD768E

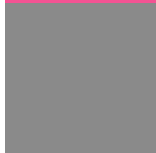


**Tritanomaly**  
F15A75

# Monochromacy



**Original Color**  
F35393



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
B0768D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F35393 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 #F35393 looks like.

```
.text, #text, p{  
    color:#F35393  
}
```

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 #F35393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F35393
}
```

## Border

The CSS property to change the border of an element to Hex F35393 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
#F35393 }
```

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

```
.border{ border-color:#F35393 }
```

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

Here you see how a box with a 4 pixel #F35393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F35393; -webkit-box-shadow:4px 4px  
4px 4px #F35393; box-shadow:4px 4px 4px  
4px #F35393 }
```

# Background

The CSS property to change the background color of an element to Hex F35393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F35393 }
```

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

```
.background{ background-color:#F35393 }
```

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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