

# Converting Colors

Hex(FF3CE6)

Have a look what the booklet for  
Hex(FF3CE6) contains.

<b>Hex(FF3CE6)</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(F3CE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3CE6
RGB	255, 60, 230
RGB Percent	100%, 24%, 90%
CMY	0.0000, 0.7647, 0.0980
CMYK	0.00, 0.76, 0.10, 0.00
HSL	308°, 100%, 62%
HSV	308°, 76%, 100%
XYZ	57.1388, 30.2049, 77.6815
YIQ	137.6850, 61.6500, 94.2100

# Conversions

## Conversions Part 2

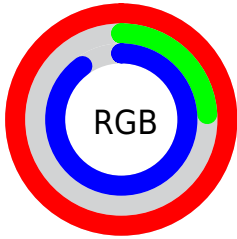
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 60, 230
Decimal	16727270
CIE Lab	61.83, 86.51, -44.52
CIE LCh	62, 97.295, 332.769
Yxy	30.2049, 0.3462, 0.1830
Android (android.graphics.Color)	4294917350 (0xFFFF3CE6)
YUV	137.6850, 45.5113, 102.8853
Hunter-Lab	54.9590, 89.4016, -45.3319

# Details

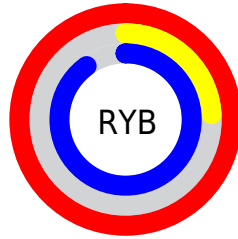
The Hex color **FF3CE6** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **3CFF55**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF7FFF**, and **C200AE** is the 20% darker color. If you saturate the color by 10%, you get **FF22E3**, and if you desaturate by 10%, it is **FF56E9**.

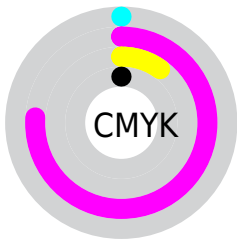
# Distribution



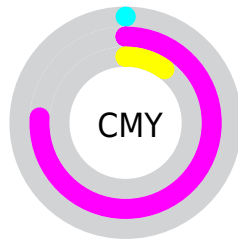
- Red (100%)
- Green (24%)
- Blue (90%)



- Red (100%)
- Yellow (24%)
- Blue (90%)



- Cyan (0%)
- Magenta (76%)
- Yellow (10%)
- Black (0%)



- Cyan (0%)
- Magenta (76%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3CE6 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 FF3CE6 by changing the saturation by 10% instead.



 FF3CE6

 FF3CE6

FFFFFF

 E000CA

 FF7FFF

 C200AE

 FF9EFF

 A40093

 FFBCFF

 860079

 FFDBFF

 69005F

 FFF9FF

 4E0047

 30002F

 060019

 000000

 FF3CE6

 FF3CE6

 FF22E3

 FF56E9

 FF09DF

 FF6FED

 FF00DE

 FF89F0

 FFA2F3

 FFBCF6

 FFD5FA

 FFEFFD

FFFFFF

# Harmonies

## Analogous

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



9379FF



FF3CE6



FF0091

# Triad

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



FF3CE6



AE9500



00B9F2

# Complementary

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



FF3CE6



3CFF55

# 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.



00B89B



FF3CE6



52AA00

# Square

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



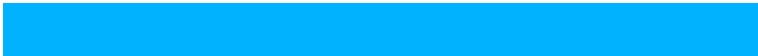
FF3CE6



F17000



00B43E



00B2FF

# Rectangle

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



FF3CE6



FF1059



00B43E



00B9D6



# Sweetspot

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



FF3CE6



FFC4F7



533CFF



805C7B



000000



808080



# Same Dimension

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



FF3CE6



FF14E1



FF3C87



80737E



BF00A7



400038



# Inverse Universe

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



FF3CE6



FF14E1



3CFFB4



80737E



BF00A7



400038



# Previews

## White Background



This preview shows how the Hex color FF3CE6 looks on a white background.

## Color Contrast Check

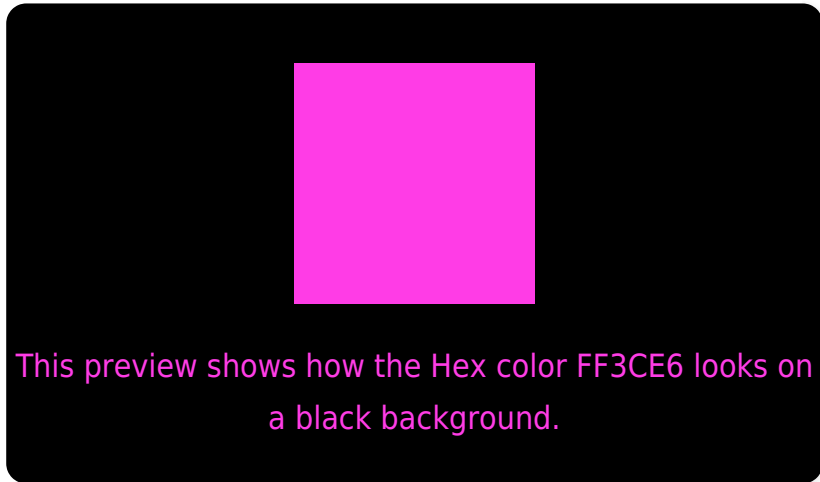
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FF3CE6 Background



This preview shows how black text looks on a background with the Hex color FF3CE6.

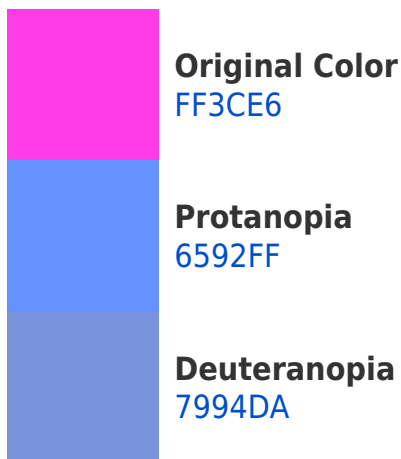


This preview shows how white text looks on a background with the Hex color FF3CE6.

# 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**  
F3676E

# Trichromacy



**Original Color**  
FF3CE6



**Protanomaly**  
9D73F6



**Deuteranomaly**  
AA74DE



**Tritanomaly**  
F7579A

# Monochromacy



**Original Color**  
FF3CE6



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
B56EAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3CE6 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 #FF3CE6 looks like.

```
.text, #text, p{  
    color:#FF3CE6  
}
```

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 #FF3CE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3CE6
}
```

## Border

The CSS property to change the border of an element to Hex FF3CE6 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
#FF3CE6 }
```

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

```
.border{ border-color:#FF3CE6 }
```

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

Here you see how a box with a 4 pixel #FF3CE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3CE6; -webkit-box-shadow:4px 4px  
4px 4px #FF3CE6; box-shadow:4px 4px 4px  
4px #FF3CE6 }
```

# Background

The CSS property to change the background color of an element to Hex FF3CE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3CE6 }
```

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

```
.background{ background-color:#FF3CE6 }
```

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