

Converting Colors

Hex(FF3167)

Have a look what the booklet for
Hex(FF3167) contains.

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Color

Hex(F3167)

Conversions

Conversions Part 1

Format	Color
Hex	FF3167
RGB	255, 49, 103
RGB Percent	100%, 19%, 40%
CMY	0.0000, 0.8078, 0.5961
CMYK	0.00, 0.81, 0.60, 0.00
HSL	344°, 100%, 60%
HSV	344°, 81%, 100%
XYZ	44.7865, 24.4359, 15.1881
YIQ	116.7500, 105.4420, 60.4660

Conversions

Conversions Part 2

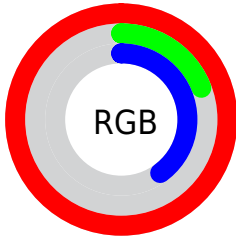
Format	Color
R_{YB}	255, 49, 103
Decimal	16724327
CIE _{Lab}	56.52, 76.49, 21.31
CIE _{LCh}	57, 79.402, 15.571
Yxy	24.4359, 0.5306, 0.2895
Android (android.graphics.Color)	4294914407 (0xFFFF3167)
YUV	116.7500, -6.7787, 121.2452
Hunter-Lab	49.4327, 75.2156, 16.3862

Details

The Hex color **FF3167** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **31FFC9**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF749A**, and **BF0039** is the 20% darker color. If you saturate the color by 10%, you get **FF1854**, and if you desaturate by 10%, it is **FF4B7A**.

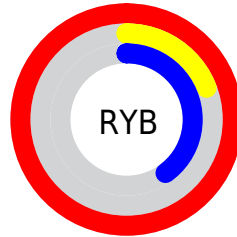
Distribution



Red (100%)

Green (19%)

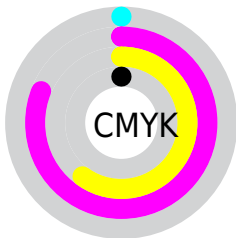
Blue (40%)



Red (100%)

Yellow (19%)

Blue (40%)

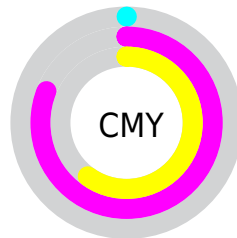


Cyan (0%)

Magenta (81%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (81%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3167 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 FF3167 by changing the saturation by 10% instead.

 FF3167

 FF3167

FFFFFF

 DF004F

 FF749A

 BF0039

 FF93B4

 9F0024

 FFB1D0

 800010

 FFCFEC

 600002

 FFEDEF

 420003

 200001

 000000

 FF3167

 FF3167

 FF1854

 FF4B7A

 FF0043

 FF648D

 FF7E9F

 FF97B2

 FFB1C5

 FFCAD8

 FFE4EB

 FFFDFE

FFFFFF

Harmonies

Analogous

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



F038AC



FF3167



EB5623

Triad

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



FF3167



209D11



0099FF

Complementary

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



FF3167



31FFC9

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.



00A3EA



FF3167



00A362

Square

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



FF3167



839000



00A6AB



0084FF

Rectangle

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



FF3167



D06E00



00A6AB



009EFF

Sweetspot

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



FF3167



FFC2D2



C831FF



805B64



000000



808080

Same Dimension

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



FF3167



FF0848



FF6131



807376



BF0032



400011

Inverse Universe

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



FF3167



FF0848



31CFFF



807376



BF0032



400011

Previews

White Background



This preview shows how the Hex color FF3167 looks on a white background.

Color Contrast Check

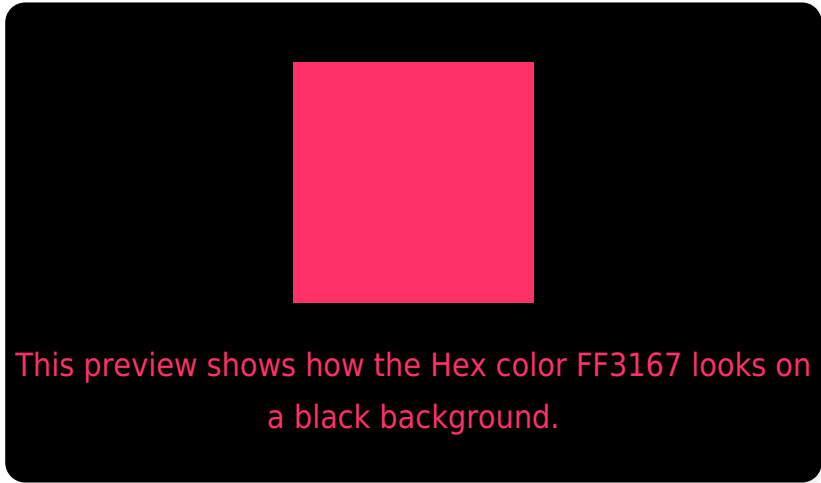
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3167 Background



This preview shows how black text looks on a background with the Hex color FF3167.

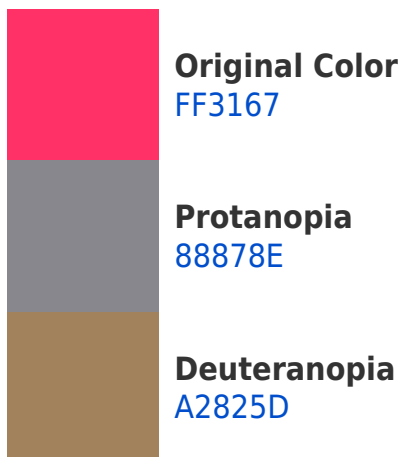


This preview shows how white text looks on a background with the Hex color FF3167.

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
FD3B3D

Trichromacy



Original Color
FF3167



Protanomaly
B36880



Deuteranomaly
C46561

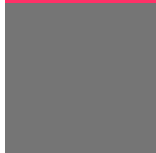


Tritanomaly
FE374C

Monochromacy



Original Color
FF3167



Achromatopsia
757575



Achromatomaly
A75C70

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3167 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 #FF3167 looks like.

```
.text, #text, p{  
    color:#FF3167  
}
```

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 #FF3167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3167
}
```

Border

The CSS property to change the border of an element to Hex FF3167 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
#FF3167 }
```

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

```
.border{ border-color:#FF3167 }
```

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

Here you see how a box with a 4 pixel #FF3167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3167; -webkit-box-shadow:4px 4px  
4px 4px #FF3167; box-shadow:4px 4px 4px  
4px #FF3167 }
```

Background

The CSS property to change the background color of an element to Hex FF3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3167 }
```

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

```
.background{ background-color:#FF3167 }
```

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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