

Converting Colors

Hex(FF3353)

Have a look what the booklet for
Hex(FF3353) contains.

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Color

Hex(F3353)

Conversions

Conversions Part 1

Format	Color
Hex	FF3353
RGB	255, 51, 83
RGB Percent	100%, 20%, 33%
CMY	0.0000, 0.8000, 0.6745
CMYK	0.00, 0.80, 0.67, 0.00
HSL	351°, 100%, 60%
HSV	351°, 80%, 100%
XYZ	43.9852, 24.2522, 10.5465
YIQ	115.6440, 111.3120, 53.2000

Conversions

Conversions Part 2

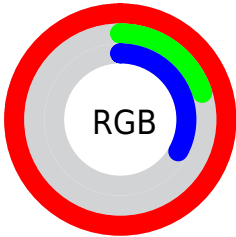
Format	Color
R _Y B	255, 51, 83
Decimal	16724819
CIE Lab	56.34, 74.94, 32.87
CIE LCh	56, 81.831, 23.686
Yxy	24.2522, 0.5583, 0.3078
Android (android.graphics.Color)	4294914899 (0xFFFF3353)
YUV	115.6440, -16.0935, 122.2152
Hunter-Lab	49.2465, 73.2482, 21.7752

Details

The Hex color **FF3353** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **33FFDF**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF7584**, and **BE0027** is the 20% darker color. If you saturate the color by 10%, you get **FF193E**, and if you desaturate by 10%, it is **FF4D69**.

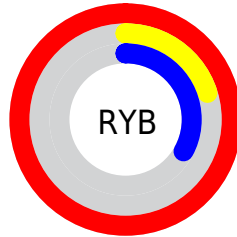
Distribution



Red (100%)

Green (20%)

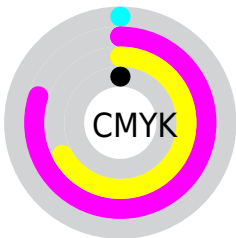
Blue (33%)



Red (100%)

Yellow (20%)

Blue (33%)

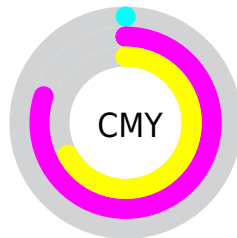


Cyan (0%)

Magenta (80%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3353 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 FF3353 by changing the saturation by 10% instead.

 FF3353

 FF3353

FFFFFF

 DE003C

 FF7584

 BE0027

 FF939E

 9E0013

 FFB1B9

 7E0000

 FFCFD5

 5E0002

 FFEDF1

 400003

 1E0001

 000000

 FF3353

 FF3353

 FF193E

 FF4D69

 FF0028

 FF667E

 FF8094

 FF99A9

 FFB3BF

 FFCCD4

 FFE6EA

FFFFFF

Harmonies

Analogous

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



FB2899



FF3353



E35E00

Triad

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



FF3353



009F27



0095FF

Complementary

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



FF3353



33FFDF

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.



00A2FA



FF3353



00A475

Square

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



FF3353



6D9400



00A6BF



577BFF

Rectangle

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



FF3353



C37500



00A6BF



009AFF

Sweetspot

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



FF3353



FFC2CB



DD33FF



805B60



000000



808080

Same Dimension

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



FF3353



FF0A31



FF7733



807375



BF001E



40000A

Inverse Universe

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



FF3353



FF0A31



33BBFF



807375



BF001E



40000A

Previews

White Background



This preview shows how the Hex color FF3353 looks on a white background.

Color Contrast Check

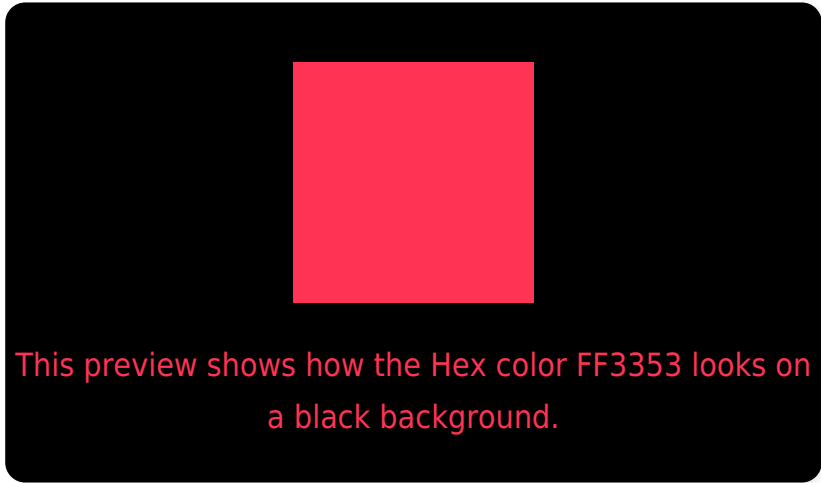
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3353 Background



This preview shows how black text looks on a background with the Hex color FF3353.



This preview shows how white text looks on a background with the Hex color FF3353.

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
FF3353

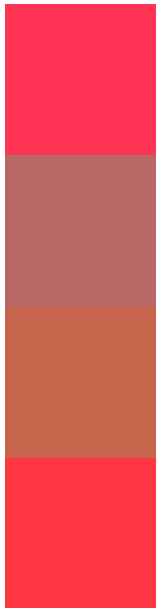
Protanopia
8E8773

Deuteranopia
A68148



Tritanopia
FE3839

Trichromacy



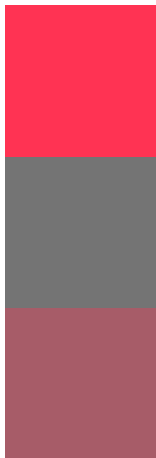
Original Color
FF3353

Protanomaly
B76867

Deuteranomaly
C6654C

Tritanomaly
FE3642

Monochromacy



Original Color
FF3353

Achromatopsia
747474

Achromatomaly
A75C68

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3353 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 #FF3353 looks like.

```
.text, #text, p{  
    color:#FF3353  
}
```

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 #FF3353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3353
}
```

Border

The CSS property to change the border of an element to Hex FF3353 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
#FF3353 }
```

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

```
.border{ border-color:#FF3353 }
```

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

Here you see how a box with a 4 pixel #FF3353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3353; -webkit-box-shadow:4px 4px  
4px 4px #FF3353; box-shadow:4px 4px 4px  
4px #FF3353 }
```

Background

The CSS property to change the background color of an element to Hex FF3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3353 }
```

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

```
.background{ background-color:#FF3353 }
```

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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