

Converting Colors

Hex(FF3B45)

Have a look what the booklet for
Hex(FF3B45) contains.

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Color

Hex(F3B45)

Conversions

Conversions Part 1

Format	Color
Hex	FF3B45
RGB	255, 59, 69
RGB Percent	100%, 23%, 27%
CMY	0.0000, 0.7686, 0.7294
CMYK	0.00, 0.77, 0.73, 0.00
HSL	357°, 100%, 62%
HSV	357°, 77%, 100%
XYZ	43.8781, 24.8176, 8.1079
YIQ	118.7440, 113.6060, 44.6620

Conversions

Conversions Part 2

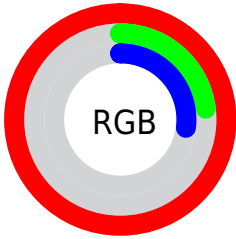
Format	Color
R_{YB}	255, 59, 69
Decimal	16726853
CIE _{Lab}	56.90, 72.22, 41.54
CIE _{LCh}	57, 83.316, 29.909
Yxy	24.8176, 0.5713, 0.3231
Android (android.graphics.Color)	4294916933 (0xFFFF3B45)
YUV	118.7440, -24.5238, 119.4965
Hunter-Lab	49.8173, 70.0393, 25.2225

Details

The Hex color **FF3B45** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **3BFFF5**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7A76**, and **BE0019** is the 20% darker color. If you saturate the color by 10%, you get **FF212D**, and if you desaturate by 10%, it is **FF555D**.

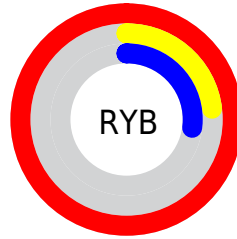
Distribution



Red (100%)

Green (23%)

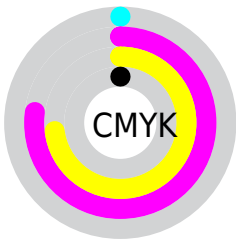
Blue (27%)



Red (100%)

Yellow (23%)

Blue (27%)

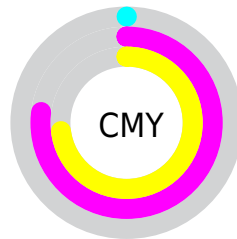


Cyan (0%)

Magenta (77%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3B45 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 FF3B45 by changing the saturation by 10% instead.

 FF3B45

 FF3B45

FFFFFF

 DE082E

 FF7A76

 BE0019

 FF988F

 9D0001

 FFB5AA

 7D0000

 FFD3C5

 5E0002

 FFF1E1

 400003

FFFFFFE

 1D0001

 000000

 FF3B45

 FF3B45

 FF212D

 FF555D

 FF0815

 FF6E75

 FF000D

 FF888E

 FFA1A6

 FFBBBE

 FFD4D6

 FFEEEE

FFFFFF

Harmonies

Analogous

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



FF1F8C



FF3B45



DD6600

Triad

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



FF3B45



00A339



0092FF

Complementary

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



FF3B45



3BFFF5

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.



00A2FF



FF3B45



00A786

Square

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



FF3B45



5C9900



00A7D0



7C75FF

Rectangle

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



FF3B45



BA7D00



00A7D0



0099FF

Sweetspot

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



FF3B45



FFC4C7



F23BFF



805C5E



000000



808080

Same Dimension

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



FF3B45



FF1420



FF903B



807373



BF000A



400003

Inverse Universe

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



FF3B45



FF1420



3BAAFF



807373



BF000A



400003

Previews

White Background



This preview shows how the Hex color FF3B45 looks on a white background.

Color Contrast Check

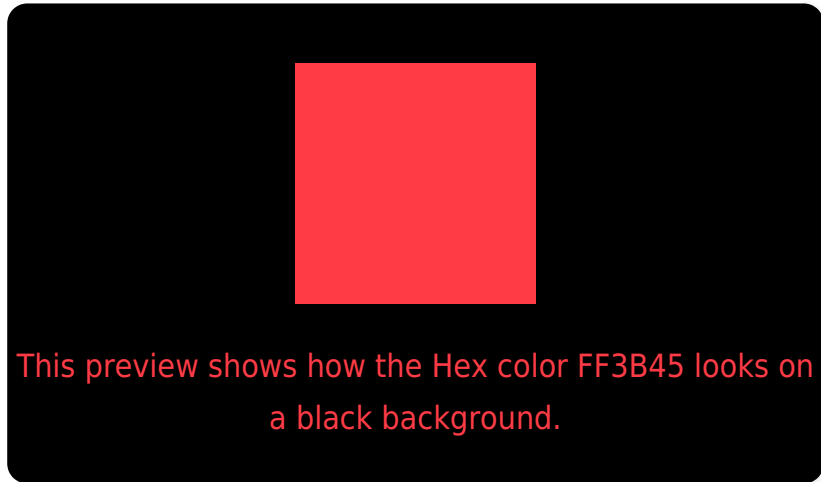
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3B45 Background



This preview shows how black text looks on a background with the Hex color FF3B45.



This preview shows how white text looks on a background with the Hex color FF3B45.

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
FF3B45

Protanopia
94895F

Deuteranopia
AA8239



Tritanopia
FF3C3E

Trichromacy



Original Color
FF3B45

Protanomaly
BB6D56

Deuteranomaly
C9683D

Tritanomaly
FF3C41

Monochromacy



Original Color
FF3B45

Achromatopsia
777777

Achromatomaly
A86165

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3B45 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 #FF3B45 looks like.

```
.text, #text, p{  
    color:#FF3B45  
}
```

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 #FF3B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3B45
}
```

Border

The CSS property to change the border of an element to Hex FF3B45 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
#FF3B45 }
```

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

```
.border{ border-color:#FF3B45 }
```

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

Here you see how a box with a 4 pixel #FF3B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3B45; -webkit-box-shadow:4px 4px  
4px 4px #FF3B45; box-shadow:4px 4px 4px  
4px #FF3B45 }
```

Background

The CSS property to change the background color of an element to Hex FF3B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3B45 }
```

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

```
.background{ background-color:#FF3B45 }
```

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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