

Converting Colors

Hex(FF3E45)

Have a look what the booklet for
Hex(FF3E45) contains.

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Color

Hex(**FF3E45**)

Conversions

Conversions Part 1

Format	Color
Hex	FF3E45
RGB	255, 62, 69
RGB Percent	100%, 24%, 27%
CMY	0.0000, 0.7569, 0.7294
CMYK	0.00, 0.76, 0.73, 0.00
HSL	358°, 100%, 62%
HSV	358°, 76%, 100%
XYZ	44.0368, 25.1349, 8.1608
YIQ	120.5050, 112.7810, 43.0930

Conversions

Conversions Part 2

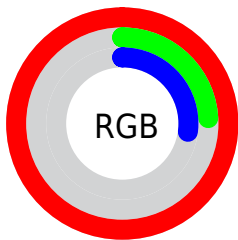
Format	Color
R_{YB}	255, 62, 69
Decimal	16727621
CIE _{Lab}	57.21, 71.35, 41.89
CIE _{LCh}	57, 82.741, 30.419
Yxy	25.1349, 0.5694, 0.3250
Android (android.graphics.Color)	4294917701 (0xFFFF3E45)
YUV	120.5050, -25.3920, 117.9521
Hunter-Lab	50.1347, 69.0531, 25.4433

Details

The Hex color **FF3E45** 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 **3EFFF8**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF7C76**, and **BE0019** is the 20% darker color. If you saturate the color by 10%, you get **FF242C**, and if you desaturate by 10%, it is **FF585E**.

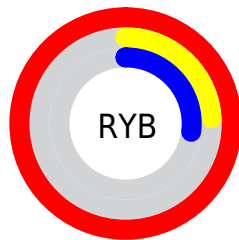
Distribution



Red (100%)

Green (24%)

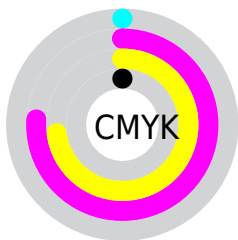
Blue (27%)



Red (100%)

Yellow (24%)

Blue (27%)

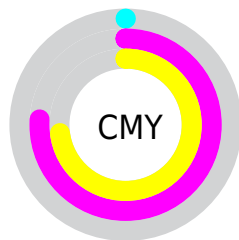


Cyan (0%)

Magenta (76%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (76%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3E45 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 FF3E45 by changing the saturation by 10% instead.

 FF3E45

 FF3E45

FFFFFF

 DE112E

 FF7C76

 BE0019

 FF9A90

 9E0001

 FFB7AA

 7E0000

 FFD5C6

 5E0002

 FFF3E2

 400003

FFFFFFE

 1E0001

 000000

 FF3E45

 FF3E45

 FF242C

 FF585E

 FF0B14

 FF7176

 FF0009

 FF8B8F

 FFA4A7

 FFBEC0

 FFD7D8

 FFF1F1

FFFFFF

Harmonies

Analogous

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



FF238C



FF3E45



DC6800

Triad

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



FF3E45



00A33B



0093FF

Complementary

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



FF3E45



3EFFF8

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



FF3E45



00A888

Square

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



FF3E45



5C9A00



00A8D1



8075FF

Rectangle

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



FF3E45



B97E00



00A8D1



0099FF

Sweetspot

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



FF3E45



FFC4C6



F53EFF



805C5D



000000



808080

Same Dimension

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



FF3E45



FF171F



FF953E



807373



BF0007



400002

Inverse Universe

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



FF3E45



FF171F



3EA8FF



807373



BF0007



400002

Previews

White Background



This preview shows how the Hex color FF3E45 looks on a white background.

Color Contrast Check

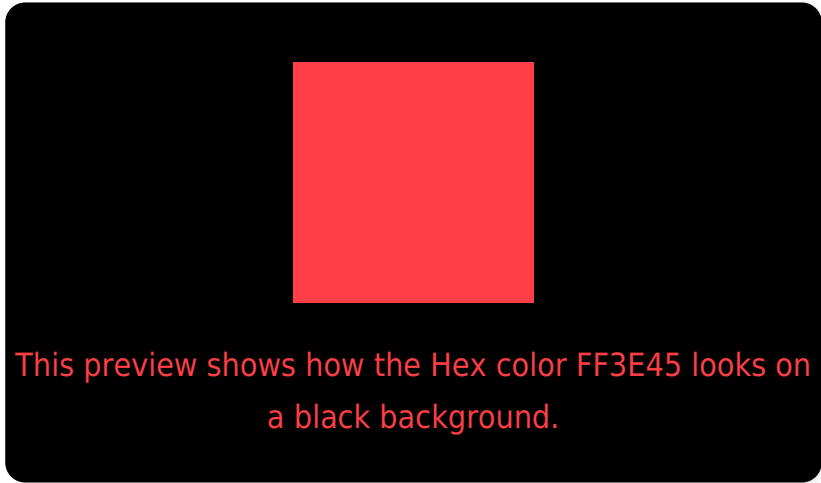
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3E45 Background



This preview shows how black text looks on a background with the Hex color FF3E45.



This preview shows how white text looks on a background with the Hex color FF3E45.

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
FF3E45

Protanopia
958A5E

Deuteranopia
AB8339



Tritanopia
FF3F41

Trichromacy



Original Color
FF3E45

Protanomaly
BC6E55

Deuteranomaly
CA6A3D

Tritanomaly
FF3F42

Monochromacy



Original Color
FF3E45

Achromatopsia
797979

Achromatomaly
AA6466

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3E45 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 #FF3E45 looks like.

```
.text, #text, p{  
    color:#FF3E45  
}
```

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 #FF3E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3E45
}
```

Border

The CSS property to change the border of an element to Hex FF3E45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

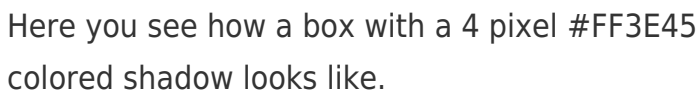
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF3E45 }
```

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

```
.border{ border-color:#FF3E45 }
```

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



Here you see how a box with a 4 pixel #FF3E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3E45; -webkit-box-shadow:4px 4px  
4px 4px #FF3E45; box-shadow:4px 4px 4px  
4px #FF3E45 }
```

Background

The CSS property to change the background color of an element to Hex FF3E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3E45 }
```

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

```
.background{ background-color:#FF3E45 }
```

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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