

Converting Colors

Hex(FF3E32)

Have a look what the booklet for
Hex(FF3E32) contains.

Hex(FF3E32)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**FF3E32**)

Conversions

Conversions Part 1

Format	Color
Hex	FF3E32
RGB	255, 62, 50
RGB Percent	100%, 24%, 20%
CMY	0.0000, 0.7569, 0.8039
CMYK	0.00, 0.76, 0.80, 0.00
HSL	4°, 100%, 60%
HSV	4°, 80%, 100%
XYZ	43.5383, 24.9355, 5.5359
YIQ	118.3390, 118.8800, 37.1840

Conversions

Conversions Part 2

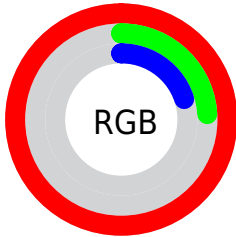
Format	Color
R_{YB}	255, 63, 50
Decimal	16727602
CIE _{Lab}	57.01, 70.72, 51.79
CIE _{LCh}	57, 87.659, 36.216
Yxy	24.9355, 0.5883, 0.3369
Android (android.graphics.Color)	4294917682 (0xFFFF3E32)
YUV	118.3390, -33.6911, 119.8517
Hunter-Lab	49.9355, 68.2456, 28.3819

Details

The Hex color **FF3E32** 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 **32F3FF**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7C62**, and **BD0003** is the 20% darker color. If you saturate the color by 10%, you get **FF2618**, and if you desaturate by 10%, it is **FF564C**.

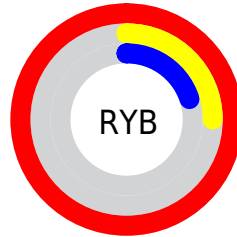
Distribution



Red (100%)

Green (24%)

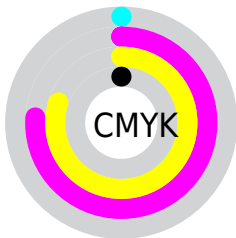
Blue (20%)



Red (100%)

Yellow (25%)

Blue (20%)

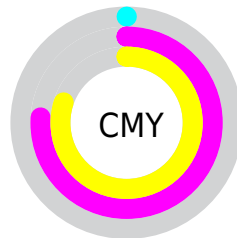


Cyan (0%)

Magenta (76%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (76%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3E32 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 FF3E32 by changing the saturation by 10% instead.

 FF3E32

 FF3E32

FFFFFF

 DE121B

 FF7C62

 BD0003

 FF997C

 9D0000

 FFB796

 7C0000

 FFD4B1

 5D0002

 FFF2CD

 3F0003

 FFFF E9

 1C0001

 000000

 FF3E32

 FF3E32

 FF2618

 FF564C

 FF0F00

 FF6E65

 FF867F

 FF9E98

 FFB6B2

 FFCECB

 FFE6E5

FFFEFE

FFFFFF

Harmonies

Analogous

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



FF007D



FF3E32



D56D00

Triad

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



FF3E32



00A546



008EFF

Complementary

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



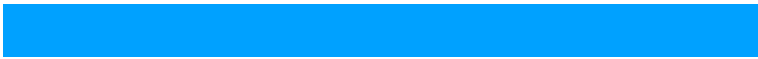
FF3E32



32F3FF

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.



00A1FF



FF3E32



00A997

Square

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



FF3E32



419C00



00A8E2



986BFF

Rectangle

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



FF3E32



AE8300



00A8E2



0096FF

Sweetspot

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



FF3E32



FFC5C2



FF32F5



805D5B



000000



808080

Same Dimension

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



FF3E32



FF190A



FFA332



807373



BF0B00



400400

Inverse Universe

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



32F3FF



0AF1FF



328EFF



737F80



00B4BF



003C40

Previews

White Background



This preview shows how the Hex color FF3E32 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 FF3E32 Background



This preview shows how black text looks on a background with the Hex color FF3E32.



This preview shows how white text looks on a background with the Hex color FF3E32.

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
FF3E32

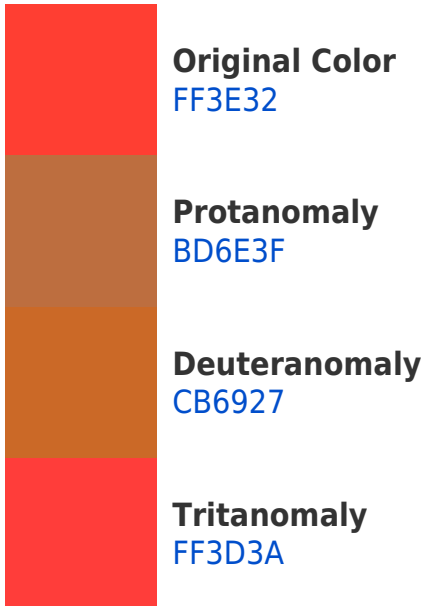
Protanopia
978947

Deuteranopia
AD8221

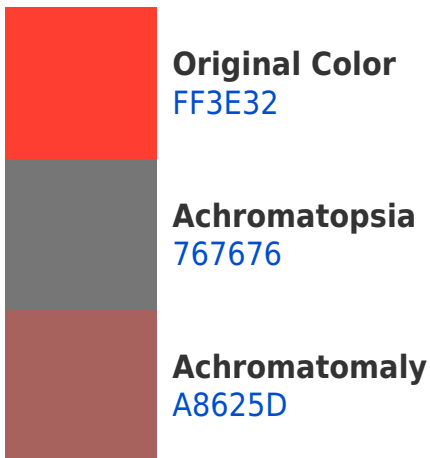


Tritanopia
FF3D3E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF3E32 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 #FF3E32 looks like.

```
.text, #text, p{  
    color:#FF3E32  
}
```

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 #FF3E32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3E32
}
```

Border

The CSS property to change the border of an element to Hex FF3E32 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".

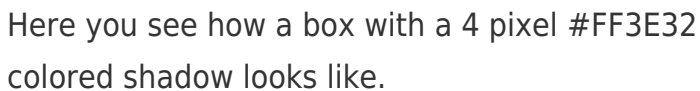
```
.border, #border, table{ border:4px solid
#FF3E32 }
```

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

```
.border{ border-color:#FF3E32 }
```

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

Here you see how a box with a 4 pixel #FF3E32 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the red color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3E32; -webkit-box-shadow:4px 4px  
4px 4px #FF3E32; box-shadow:4px 4px 4px  
4px #FF3E32 }
```

Background

The CSS property to change the background color of an element to Hex FF3E32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3E32 }
```

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

```
.background{ background-color:#FF3E32 }
```

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