

# Converting Colors

Hex(FF3223)

Have a look what the booklet for  
Hex(FF3223) contains.

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**Color**

**Hex(F3223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3223
RGB	255, 50, 35
RGB Percent	100%, 20%, 14%
CMY	0.0000, 0.8039, 0.8627
CMYK	0.00, 0.80, 0.86, 0.00
HSL	4°, 100%, 57%
HSV	4°, 86%, 100%
XYZ	42.6840, 23.6626, 3.9077
YIQ	109.5850, 126.9950, 38.7950

# Conversions

## Conversions Part 2

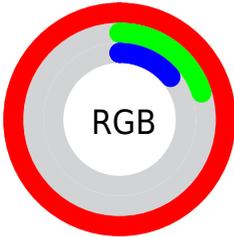
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 51, 35
Decimal	16724515
CIE <sub>Lab</sub>	55.75, 73.63, 57.73
CIE <sub>LCh</sub>	56, 93.569, 38.098
Yxy	23.6626, 0.6076, 0.3368
Android (android.graphics.Color)	4294914595 (0xFFFF3223)
YUV	109.5850, -36.7704, 127.5290
Hunter-Lab	48.6442, 71.5017, 29.2880

# Details

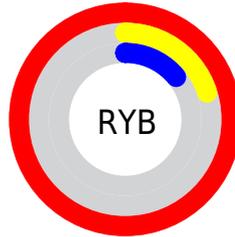
The Hex color **FF3223** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **23F0FF**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7454**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF1A09**, and if you desaturate by 10%, it is **FF4A3C**.

# Distribution



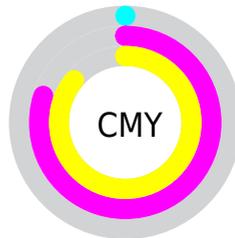
- Red (100%)
- Green (20%)
- Blue (14%)



- Red (100%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (80%)
- Yellow (86%)
- Black (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3223 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 FF3223 by changing the saturation by 10% instead.

 FF3223

 FF3223

FFFFFF

 DE0008

 FF7454

 BC0000

 FF916D

 9C0000

 FFAF87

 7B0000

 FFCDA2

 5B0002

 FFEbbe

 3D0003

 FFFFDA

 190001

 FFFFF7

 000000

 FF3223

 FF3223

 FF1A09

 FF4A3C

 FF1100

 FF6256

 FF796F

 FF9189

 FFA9A3

 FFC1BC

 FFD8D5

 FFF0EF

FFFFFF

# Harmonies

## Analogous

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



FF0074



FF3223



D16A00

# Triad

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



FF3223



00A344



008AFF

# Complementary

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



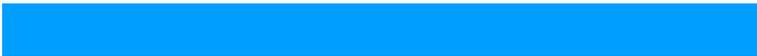
FF3223



23F0FF

# 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.



009FFF



FF3223



00A69A

# Square

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



FF3223



279B00



00A6E9



9C62FF

# Rectangle

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



FF3223



A78100



00A6E9



0093FF

# Sweetspot

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



FF3223



FFC1BD



FF23F0



805B58



000000



808080



# Same Dimension

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



FF3223



FF1100



FFA023



807473



BF0D00



400400



# Inverse Universe

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



23F0FF



00EEFF



2382FF



737F80



00B2BF

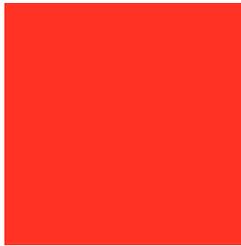


003B40



# Previews

## White Background



This preview shows how the Hex color FF3223 looks on a white background.

## Color Contrast Check

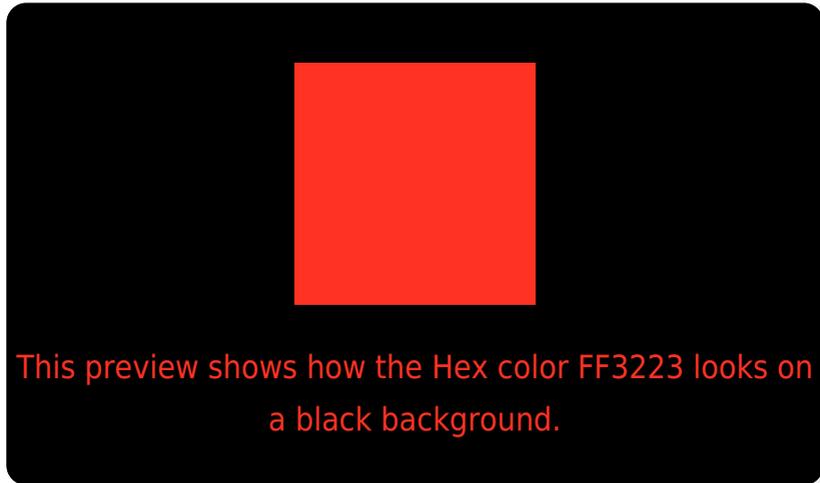
Large Text (above 18pt) WCAG AA ✓ Pass

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

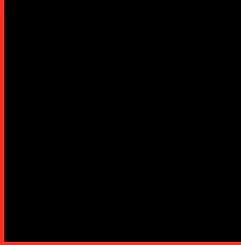
Any Text WCAG AA ✓ Pass

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 FF3223 Background



This preview shows how black text looks on a background with the Hex color FF3223.



This preview shows how white text looks on a background with the Hex color FF3223.

# 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**  
FF3223

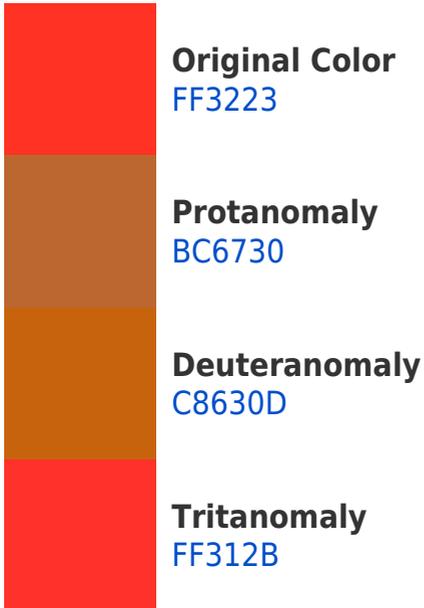
**Protanopia**  
958637

**Deuteranopia**  
A97F00

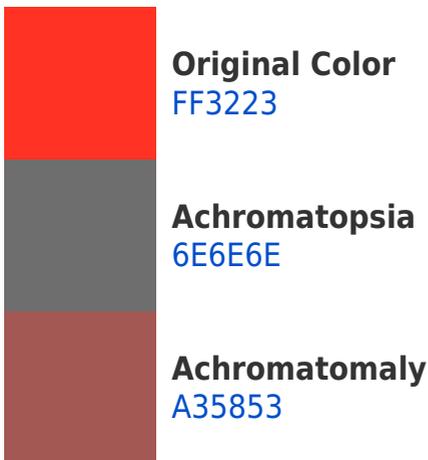


**Tritanopia**  
FF3130

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3223 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 #FF3223 looks like.

```
.text, #text, p{  
    color:#FF3223  
}
```

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 #FF3223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3223
}
```

## Border

The CSS property to change the border of an element to Hex FF3223 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
#FF3223 }
```

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

```
.border{ border-color:#FF3223 }
```

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

Here you see how a box with a 4 pixel #FF3223 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3223; -webkit-box-shadow:4px 4px  
4px 4px #FF3223; box-shadow:4px 4px 4px  
4px #FF3223 }
```

# Background

The CSS property to change the background color of an element to Hex FF3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3223 }
```

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

```
.background{ background-color:#FF3223 }
```

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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