

Converting Colors

Hex(FF3114)

Have a look what the booklet for
Hex(FF3114) contains.

Hex(FF3114)	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(F3114)

Conversions

Conversions Part 1

Format	Color
Hex	FF3114
RGB	255, 49, 20
RGB Percent	100%, 19%, 8%
CMY	0.0000, 0.8078, 0.9216
CMYK	0.00, 0.81, 0.92, 0.00
HSL	7°, 100%, 54%
HSV	7°, 92%, 100%
XYZ	42.4646, 23.5071, 2.9610
YIQ	107.2880, 132.0850, 34.6530

Conversions

Conversions Part 2

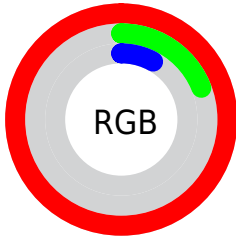
Format	Color
R _Y B	255, 53, 20
Decimal	16724244
CIE Lab	55.59, 73.66, 63.29
CIE LCh	56, 97.111, 40.671
Yxy	23.5071, 0.6160, 0.3410
Android (android.graphics.Color)	4294914324 (0xFFFF3114)
YUV	107.2880, -43.0330, 129.5434
Hunter-Lab	48.4842, 71.4910, 30.3180

Details

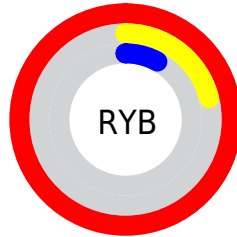
The Hex color **FF3114** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **14E2FF**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7348**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF1F00**, and if you desaturate by 10%, it is **FF472E**.

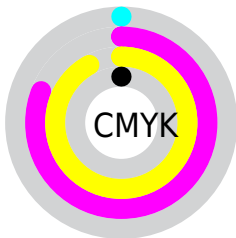
Distribution



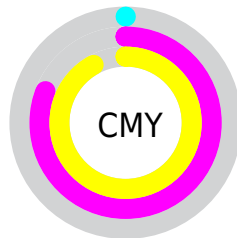
- Red (100%)
- Green (19%)
- Blue (8%)



- Red (100%)
- Yellow (21%)
- Blue (8%)



- Cyan (0%)
- Magenta (81%)
- Yellow (92%)
- Black (0%)



- Cyan (0%)
- Magenta (81%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3114 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 FF3114 by changing the saturation by 10% instead.

 FF3114

 FF3114

FFFFFF

 DD0000

 FF7348

 BC0000

 FF9162

 9B0000

 FFAE7C

 7B0000

 FFCC96

 5B0002

 FFEAB2

 3D0003

 FFFFCE

 180001

 FFFFEA

 000000

 FF3114

 FF3114

 FF1F00

 FF472E

 FF5E47

 FF7461

 FF8A7A

 FFA193

 FFB7AD

 FFCDC7

 FFE4E0

 FFFAFA

Harmonies

Analogous

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



FF006C



FF3114



CD6C00

Triad

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



FF3114



00A449



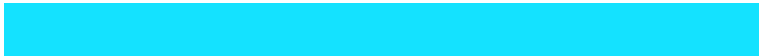
0087FF

Complementary

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



FF3114



14E2FF

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.



009EFF



FF3114



00A7A2

Square

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



FF3114



009C00



00A6F3



A75BFF

Rectangle

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



FF3114



A18300



00A6F3



0091FF

Sweetspot

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



FF3114



FFC0B8



FF14E4



805954



000000



808080

Same Dimension

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



FF3114



FF1F00



FFA514



807473



BF1800



400800

Inverse Universe

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



14E2FF



00E0FF



146EFF



737E80



00A8BF



003840

Previews

White Background



This preview shows how the Hex color FF3114 looks on a white background.

Color Contrast Check

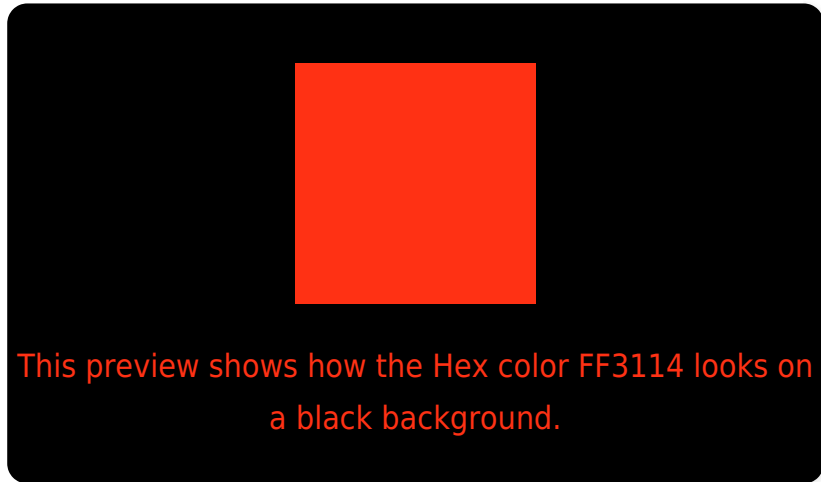
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3114 Background



This preview shows how black text looks on a background with the Hex color FF3114.



This preview shows how white text looks on a background with the Hex color FF3114.

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
FF3114

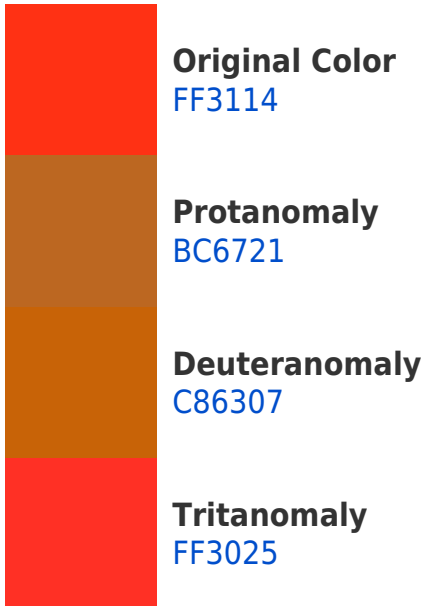
Protanopia
968628

Deuteranopia
A87F00

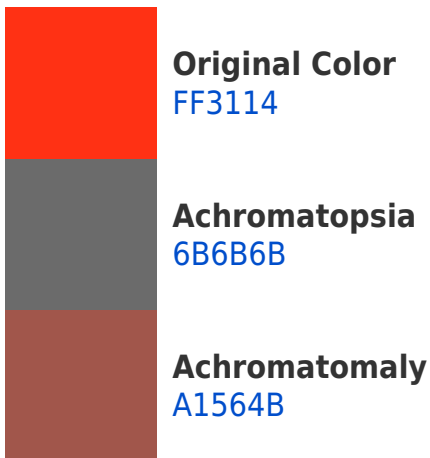


Tritanopia
FF2F2E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF3114 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 #FF3114 looks like.

```
.text, #text, p{  
    color:#FF3114  
}
```

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 #FF3114 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3114
}
```

Border

The CSS property to change the border of an element to Hex FF3114 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".

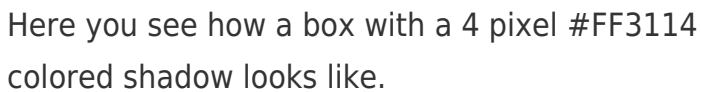
```
.border, #border, table{ border:4px solid
#FF3114 }
```

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

```
.border{ border-color:#FF3114 }
```

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

Here you see how a box with a 4 pixel #FF3114 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 #FF3114; -webkit-box-shadow:4px 4px  
4px 4px #FF3114; box-shadow:4px 4px 4px  
4px #FF3114 }
```

Background

The CSS property to change the background color of an element to Hex FF3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3114 }
```

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

```
.background{ background-color:#FF3114 }
```

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