

# Converting Colors

Hex(FF2204)

Have a look what the booklet for  
Hex(FF2204) contains.

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**Color**

**Hex(F2204)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2204
RGB	255, 34, 4
RGB Percent	100%, 13%, 2%
CMY	0.0000, 0.8667, 0.9843
CMYK	0.00, 0.87, 0.98, 0.00
HSL	7°, 100%, 51%
HSV	7°, 98%, 100%
XYZ	41.8339, 22.4128, 2.2361
YIQ	96.6590, 141.3460, 37.5220

# Conversions

## Conversions Part 2

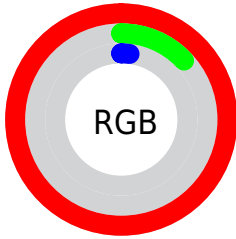
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 38, 4
Decimal	16720388
CIELab	54.46, 76.62, 66.72
CIELCh	54, 101.595, 41.048
Yxy	22.4128, 0.6292, 0.3371
Android (android.graphics.Color)	4294910468 (0xFFFF2204)
YUV	96.6590, -45.6809, 138.8651
Hunter-Lab	47.3422, 74.8828, 30.3391

# Details

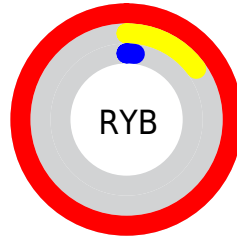
The Hex color **FF2204** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **04E1FF**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6A3E**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF1E00**, and if you desaturate by 10%, it is **FF381D**.

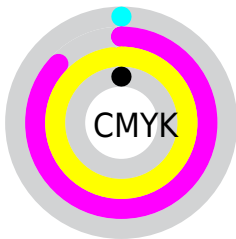
# Distribution



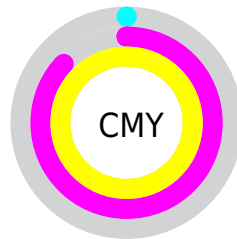
- Red (100%)
- Green (13%)
- Blue (2%)



- Red (100%)
- Yellow (15%)
- Blue (2%)



- Cyan (0%)
- Magenta (87%)
- Yellow (98%)
- Black (0%)



- Cyan (0%)
- Magenta (87%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2204 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 FF2204 by changing the saturation by 10% instead.



 FF2204

 FF2204

FFFFFFD

 DD0000

 FF6A3E

 BC0000

 FF8958

 9A0000

 FFA772

 7A0000

 FFC58C

 5A0003

 FFE3A8

 3B0003

 FFFFC4

 150000

 FFFFEO

 000000

 FF2204

 FF2204

■ FF1E00

■ FF381D

■ FF4F37

■ FF6551

■ FF7C6A

■ FF9284

■ FFA99D

■ FFBFB6

■ FFD6D0

■ FFECEA

# Harmonies

## Analogous

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



FF0067



FF2204



CB6800

# Triad

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



FF2204



00A144



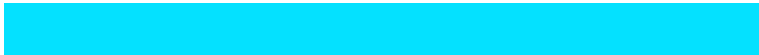
0085FF

# Complementary

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



FF2204



04E1FF

# 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.



009CFF



FF2204



00A4A2

# Square

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



FF2204



009A00



00A4F6



A655FF

# Rectangle

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



FF2204



9C8100



00A4F6



008FFF



# Sweetspot

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



FF2204



FFBCB3



FF04E2



805752



000000



808080



# Same Dimension

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



FF2204



FF1E00



FF9F04



807473



BF1700



400800



# Inverse Universe

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



04E1FF



00E1FF



0464FF



737E80



00A8BF

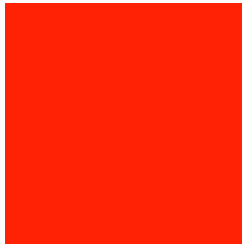


003840



# Previews

## White Background



This preview shows how the Hex color FF2204 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 FF2204 Background



This preview shows how black text looks on a background with the Hex color FF2204.



This preview shows how white text looks on a background with the Hex color FF2204.

# 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**  
FF2204

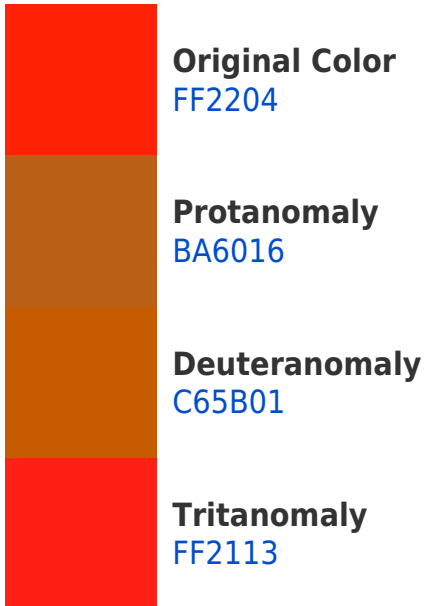
**Protanopia**  
938320

**Deuteranopia**  
A57C00



**Tritanopia**  
FF211C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2204 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 #FF2204 looks like.

```
.text, #text, p{  
    color:#FF2204  
}
```

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 #FF2204 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2204
}
```

## Border

The CSS property to change the border of an element to Hex FF2204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

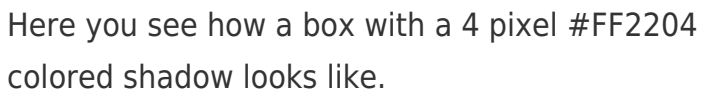
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF2204 }
```

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

```
.border{ border-color:#FF2204 }
```

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



Here you see how a box with a 4 pixel #FF2204 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2204; -webkit-box-shadow:4px 4px  
4px 4px #FF2204; box-shadow:4px 4px 4px  
4px #FF2204 }
```

# Background

The CSS property to change the background color of an element to Hex FF2204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2204 }
```

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

```
.background{ background-color:#FF2204 }
```

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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