

# Converting Colors

Hex(FF2424)

Have a look what the booklet for  
Hex(FF2424) contains.

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**Color**

**Hex(F F 2 4 2 4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2424
RGB	255, 36, 36
RGB Percent	100%, 14%, 14%
CMY	0.0000, 0.8588, 0.8588
CMYK	0.00, 0.86, 0.86, 0.00
HSL	0°, 100%, 57%
HSV	0°, 86%, 100%
XYZ	42.1893, 22.6491, 3.8172
YIQ	101.4810, 130.5240, 46.4280

# Conversions

## Conversions Part 2

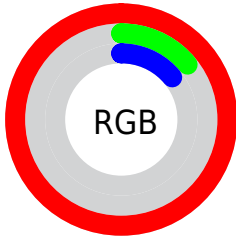
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 36, 36
Decimal	16720932
CIE <sub>Lab</sub>	54.71, 76.63, 56.46
CIE <sub>LCh</sub>	55, 95.180, 36.380
Yxy	22.6491, 0.6145, 0.3299
Android (android.graphics.Color)	4294911012 (0xFFFF2424)
YUV	101.4810, -32.2821, 134.6362
Hunter-Lab	47.5911, 74.9551, 28.5583

# Details

The Hex color **FF2424** 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 **24FFFF**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6C54**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF0A0A**, and if you desaturate by 10%, it is **FF3D3D**.

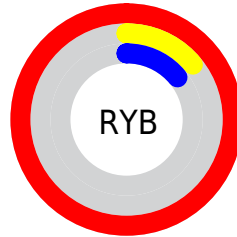
# Distribution



Red (100%)

Green (14%)

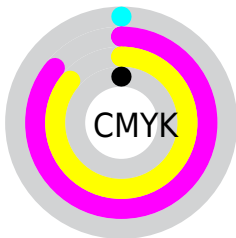
Blue (14%)



Red (100%)

Yellow (14%)

Blue (14%)

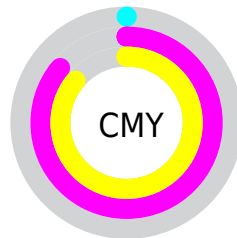


Cyan (0%)

Magenta (86%)

Yellow (86%)

Black (0%)



Cyan (0%)

Magenta (86%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2424 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 FF2424 by changing the saturation by 10% instead.



 FF2424

 FF2424

FFFFFF

 DD000B

 FF6C54

 BC0000

 FF8A6D

 9B0000

 FFA887

 7B0000

 FFC6A2

 5B0003

 FFE4BE

 3C0003

 FFFFDA

 170000

 FFFFF6

 000000

 FF2424

 FF2424

 FF0A0A

 FF3D3D

 FF0000

 FF5757

 FF7070

 FF8A8A

 FFA3A3

 FFBDBD

 FFD6D6

 FFF0F0

FFFFFF

# Harmonies

## Analogous

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



FF0075



FF2424



D26400

# Triad

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



FF2424



00A03A



0089FF

# Complementary

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



FF2424



24FFFF

# 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.



009DFF



FF2424



00A493

# Square

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



FF2424



2A9800



00A4E4



9162FF

# Rectangle

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



FF2424



A87D00



00A4E4



0092FF



# Sweetspot

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



FF2424



FFBDBD



FF24FF



805858



000000



808080



# Same Dimension

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



FF2424



FF0000



FF9224



807373



BF0000



400000



# Inverse Universe

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



24FFFF



00FFFF



2492FF



738080



00BFBF



004040



# Previews

## White Background



This preview shows how the Hex color FF2424 looks on a white background.

## Color Contrast Check

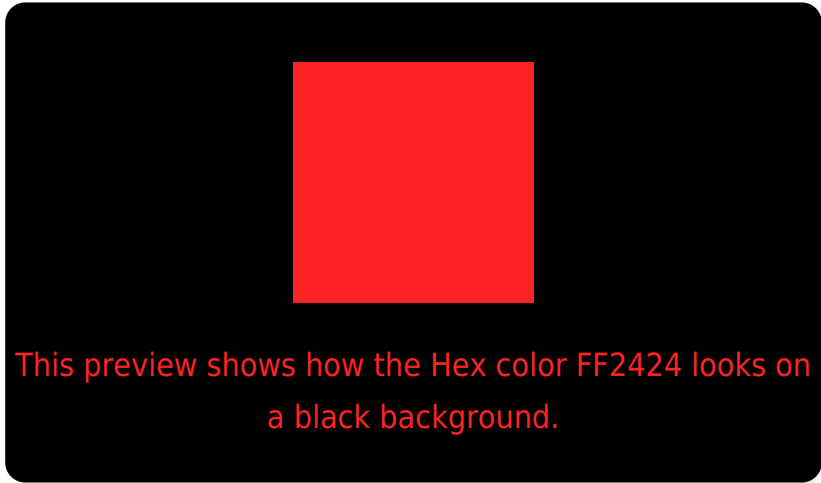
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2424 Background



This preview shows how black text looks on a background with the Hex color FF2424.



This preview shows how white text looks on a background with the Hex color FF2424.

# 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**  
FF2424

**Protanopia**  
92843A

**Deuteranopia**  
A67D00



**Tritanopia**  
FF2421

# Trichromacy



**Original Color**  
FF2424

**Protanomaly**  
BA6132

**Deuteranomaly**  
C65D0D

**Tritanomaly**  
FF2422

# Monochromacy



**Original Color**  
FF2424

**Achromatopsia**  
656565

**Achromatomaly**  
9D4D4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2424 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 #FF2424 looks like.

```
.text, #text, p{  
    color:#FF2424  
}
```

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 #FF2424 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2424
}
```

## Border

The CSS property to change the border of an element to Hex FF2424 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
#FF2424 }
```

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

```
.border{ border-color:#FF2424 }
```

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

Here you see how a box with a 4 pixel #FF2424 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2424; -webkit-box-shadow:4px 4px  
4px 4px #FF2424; box-shadow:4px 4px 4px  
4px #FF2424 }
```

# Background

The CSS property to change the background color of an element to Hex FF2424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2424 }
```

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

```
.background{ background-color:#FF2424 }
```

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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