

Converting Colors

Hex(FF2159)

Have a look what the booklet for
Hex(FF2159) contains.

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Color

Hex(F2159)

Conversions

Conversions Part 1

Format	Color
Hex	FF2159
RGB	255, 33, 89
RGB Percent	100%, 13%, 35%
CMY	0.0000, 0.8706, 0.6510
CMYK	0.00, 0.87, 0.65, 0.00
HSL	345°, 100%, 56%
HSV	345°, 87%, 100%
XYZ	43.5870, 23.0690, 11.6067
YIQ	105.7620, 114.3360, 64.4800

Conversions

Conversions Part 2

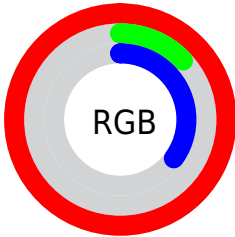
Format	Color
R_{YB}	255, 33, 89
Decimal	16720217
CIE Lab	55.14, 78.92, 27.83
CIE LCh	55, 83.687, 19.424
Yxy	23.0690, 0.5569, 0.2948
Android (android.graphics.Color)	4294910297 (0xFFFF2159)
YUV	105.7620, -8.2637, 130.8817
Hunter-Lab	48.0302, 77.9346, 19.2935

Details

The Hex color **FF2159** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **21FFC7**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6B8B**, and **BE002C** is the 20% darker color. If you saturate the color by 10%, you get **FF0846**, and if you desaturate by 10%, it is **FF3A6C**.

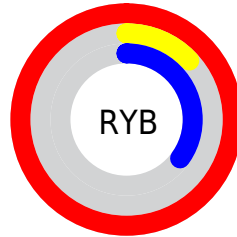
Distribution



Red (100%)

Green (13%)

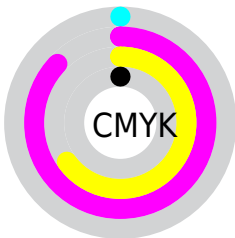
Blue (35%)



Red (100%)

Yellow (13%)

Blue (35%)

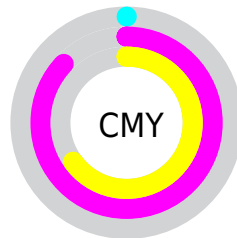


Cyan (0%)

Magenta (87%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (87%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF2159 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 FF2159 by changing the saturation by 10% instead.

 FF2159

 FF2159

FFFFFF

 DE0042

 FF6B8B

 BE002C

 FF8AA5

 9E0019

 FFA9C0

 7E0001

 FFC7DC

 5E0003

 FFE5F8

 3F0003

 1C0001

 000000

 FF2159

 FF2159

 FF0846

 FF3A6C

 FF0040

 FF547F

 FF6D92

 FF87A5

 FFA1B8

 FFBACB

 FFD3DE

 FFEDEF2

FFFFFF

Harmonies

Analogous

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



F520A1



FF2159



E65308

Triad

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



FF2159



009B0F



0095FF

Complementary

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



FF2159



21FFC7

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.



00A0F2



FF2159



00A167

Square

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



FF2159



748F00



00A3B3



1C7CFF

Rectangle

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



FF2159



C86D00



00A3B3



009AFF

Sweetspot

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



FF2159



FFBDCD



C421FF



805862



000000



808080

Same Dimension

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



FF2159



FF0040



FF5521



807376



BF0030



400010

Inverse Universe

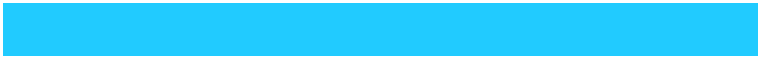
The Inverse Universe completely reimagines the original color for something new.



FF2159



FF0040



21CBFF



807376



BF0030



400010

Previews

White Background



This preview shows how the Hex color FF2159 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 FF2159 Background



This preview shows how black text looks on a background with the Hex color FF2159.



This preview shows how white text looks on a background with the Hex color FF2159.

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





Trichromacy



Original Color
FF2159



Protanomaly
B36071



Deuteranomaly
C35C52

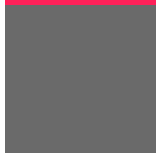


Tritanomaly
FE293D

Monochromacy



Original Color
FF2159



Achromatopsia
6A6A6A



Achromatomaly
A04F64

CSS Examples

Text

The CSS property to change the color of the text to Hex FF2159 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 #FF2159 looks like.

```
.text, #text, p{  
    color:#FF2159  
}
```

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 #FF2159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2159
}
```

Border

The CSS property to change the border of an element to Hex FF2159 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
#FF2159 }
```

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

```
.border{ border-color:#FF2159 }
```

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

Here you see how a box with a 4 pixel #FF2159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2159; -webkit-box-shadow:4px 4px  
4px 4px #FF2159; box-shadow:4px 4px 4px  
4px #FF2159 }
```

Background

The CSS property to change the background color of an element to Hex FF2159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2159 }
```

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

```
.background{ background-color:#FF2159 }
```

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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