

# Converting Colors

Hex(FF1B5A)

Have a look what the booklet for  
Hex(FF1B5A) contains.

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**Color**

**Hex(F1B5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF1B5A
RGB	255, 27, 90
RGB Percent	100%, 11%, 35%
CMY	0.0000, 0.8941, 0.6471
CMYK	0.00, 0.89, 0.65, 0.00
HSL	343°, 100%, 55%
HSV	343°, 89%, 100%
XYZ	43.4774, 22.7821, 11.7787
YIQ	102.3540, 115.6650, 67.9290

# Conversions

## Conversions Part 2

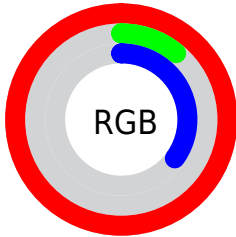
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 27, 90
Decimal	16718682
CIE <sub>Lab</sub>	54.85, 79.88, 26.85
CIE <sub>LCh</sub>	55, 84.270, 18.582
Yxy	22.7821, 0.5571, 0.2919
Android (android.graphics.Color)	4294908762 (0xFFFF1B5A)
YUV	102.3540, -6.0905, 133.8705
Hunter-Lab	47.7305, 79.0658, 18.7801

# Details

The Hex color **FF1B5A** 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 **1BFFC0**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF698C**, and **BE002D** is the 20% darker color. If you saturate the color by 10%, you get **FF0148**, and if you desaturate by 10%, it is **FF346C**.

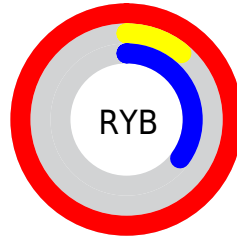
# Distribution



Red (100%)

Green (11%)

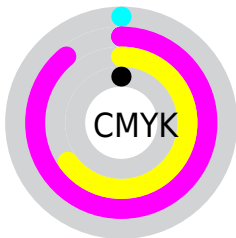
Blue (35%)



Red (100%)

Yellow (11%)

Blue (35%)

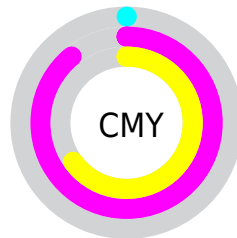


Cyan (0%)

Magenta (89%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (89%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF1B5A 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 FF1B5A by changing the saturation by 10% instead.



 FF1B5A

 FF1B5A

FFFFFF

 DE0043

 FF698C

 BE002D

 FF88A6

 9E001A

 FFA7C1

 7E0001

 FFC5DD

 5E0003

 FFE3F9

 3F0003

 1C0001

 000000

 FF1B5A

 FF1B5A

■ FF0148

■ FF346C

■ FF0046

■ FF4E7F

■ FF6791

■ FF81A4

■ FF9AB6

■ FFB4C9

■ FFCDDB

■ FFE7EE

FFFFFF

# Harmonies

## Analogous

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



F41DA2



FF1B5A



E7510A

# Triad

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



FF1B5A



009A05



0095FF

# Complementary

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



FF1B5A



1BFFC0

# 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.



009FF1



FF1B5A



00A064

# Square

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



FF1B5A



758E00



00A2B0



007DFF

# Rectangle

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



FF1B5A



C86B00



00A2B0



0099FF



# Sweetspot

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



FF1B5A



FFBACD



BE1BFF



805762



000000



808080



# Same Dimension

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



FF1B5A



FF0046



FF4C1B



807376



BF0035



400012



# Inverse Universe

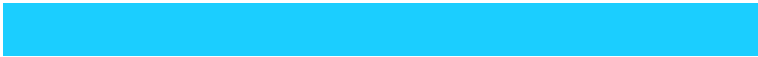
The Inverse Universe completely reimagines the original color for something new.



FF1B5A



FF0046



1BCEFF



807376



BF0035



400012



# Previews

## White Background



This preview shows how the Hex color FF1B5A looks on a white background.

## Color Contrast Check

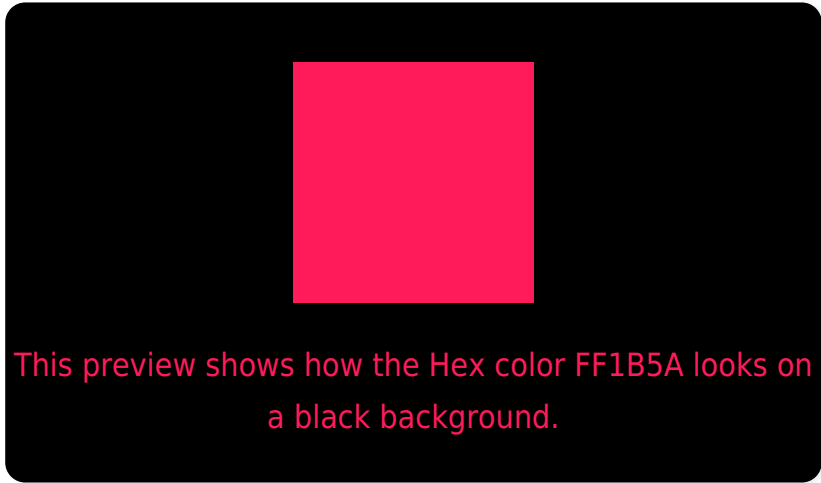
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF1B5A Background



This preview shows how black text looks on a background with the Hex color FF1B5A.



This preview shows how white text looks on a background with the Hex color FF1B5A.

# 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](#).

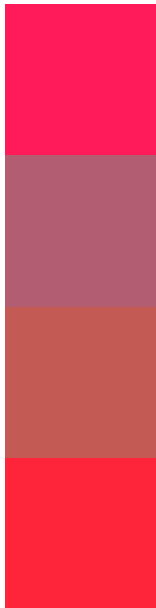
## Dichromacy





**Tritanopia**  
FD2B29

# Trichromacy



**Original Color**  
FF1B5A

**Protanomaly**  
B35D73

**Deuteranomaly**  
C35A53

**Tritanomaly**  
FE253B

# Monochromacy



**Original Color**  
FF1B5A

**Achromatopsia**  
666666

**Achromatomaly**  
9E4B62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF1B5A 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 #FF1B5A looks like.

```
.text, #text, p{  
    color:#FF1B5A  
}
```

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 #FF1B5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF1B5A
}
```

## Border

The CSS property to change the border of an element to Hex FF1B5A 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
#FF1B5A }
```

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

```
.border{ border-color:#FF1B5A }
```

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

Here you see how a box with a 4 pixel #FF1B5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF1B5A; -webkit-box-shadow:4px 4px  
4px 4px #FF1B5A; box-shadow:4px 4px 4px  
4px #FF1B5A }
```

# Background

The CSS property to change the background color of an element to Hex FF1B5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF1B5A }
```

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

```
.background{ background-color:#FF1B5A }
```

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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