

# Converting Colors

Hex(FF1983)

Have a look what the booklet for  
Hex(FF1983) contains.

<b>Hex(FF1983)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(F1983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF1983
RGB	255, 25, 131
RGB Percent	100%, 10%, 51%
CMY	0.0000, 0.9020, 0.4863
CMYK	0.00, 0.90, 0.49, 0.00
HSL	332°, 100%, 55%
HSV	332°, 90%, 100%
XYZ	45.6844, 23.5940, 23.6190
YIQ	105.8540, 103.0540, 81.7260

# Conversions

## Conversions Part 2

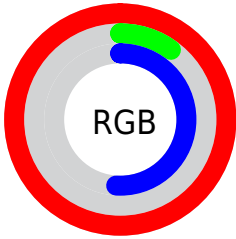
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 25, 131
Decimal	16718211
CIE Lab	55.68, 82.70, 3.41
CIE LCh	56, 82.773, 2.364
Yxy	23.5940, 0.4918, 0.2540
Android (android.graphics.Color)	4294908291 (0xFFFF1983)
YUV	105.8540, 12.3970, 130.8010
Hunter-Lab	48.5736, 82.8787, 5.1717

# Details

The Hex color **FF1983** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **19FF95**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6AB8**, and **BF0052** is the 20% darker color. If you saturate the color by 10%, you get **FF0076**, and if you desaturate by 10%, it is **FF3291**.

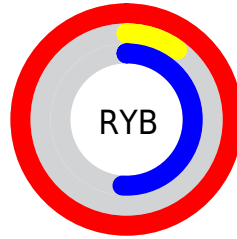
# Distribution



Red (100%)

Green (10%)

Blue (51%)



Red (100%)

Yellow (10%)

Blue (51%)

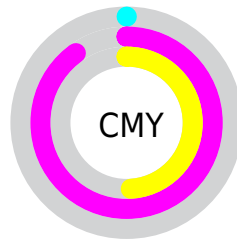


Cyan (0%)

Magenta (90%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (90%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF1983 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 FF1983 by changing the saturation by 10% instead.



 FF1983

 FF1983

FFFFFF

 DF006A

 FF6AB8

 BF0052

 FF89D3

 A0003B

 FFA8F0

 810026

 FFC6FF

 620011

 FFE5FF

 440003

 230001

 000000

 FF1983

 FF1983

 FF0076

 FF3291

 FF4C9E

 FF65AC

 FF7FBA

 FF98C8

 FFB2D5

 FFCBE3

 FFE5F1

FFFFFF

# Harmonies

## Analogous

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



DD42C9



FF1983



F93C3D

# Triad

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



FF1983



529600



009EFF

# Complementary

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



FF1983



19FF95

# 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.



00A3D1



FF1983



00A03D

# Square

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



FF1983



9D8500



00A489



008DFF

# Rectangle

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



FF1983



E35A00



00A489



00A0F7



# Sweetspot

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



FF1983



FFBADA



9419FF



80576A



000000



808080



# Same Dimension

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



FF1983



FF0076



FF2119



807379



BF0058



40001D



# Inverse Universe

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



FF1983



FF0076



19F7FF



807379



BF0058



40001D



# Previews

## White Background



This preview shows how the Hex color FF1983 looks on a white background.

## Color Contrast Check

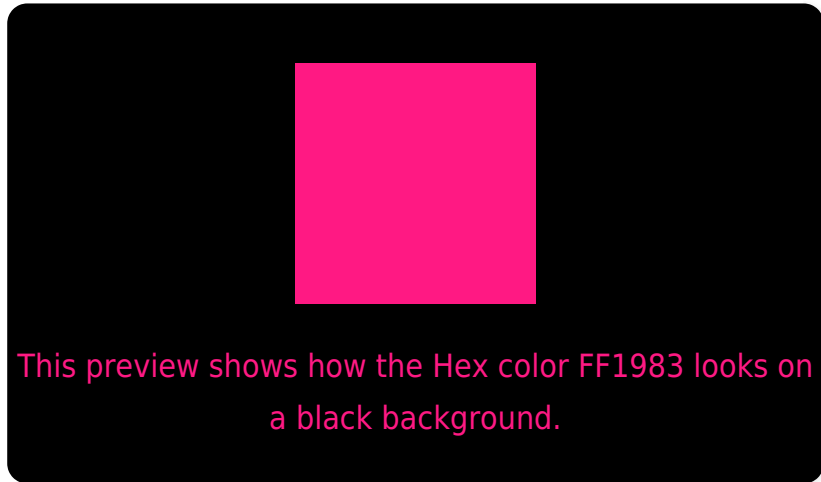
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF1983 Background



This preview shows how black text looks on a background with the Hex color FF1983.



This preview shows how white text looks on a background with the Hex color FF1983.

# 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**  
FF1983



**Protanomaly**  
A85DA7



**Deuteranomaly**  
BD5B7D



**Tritanomaly**  
FC2D54

# Monochromacy



**Original Color**  
FF1983



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
A04D73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF1983 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 #FF1983 looks like.

```
.text, #text, p{  
    color:#FF1983  
}
```

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 #FF1983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF1983
}
```

## Border

The CSS property to change the border of an element to Hex FF1983 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
#FF1983 }
```

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

```
.border{ border-color:#FF1983 }
```

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

Here you see how a box with a 4 pixel #FF1983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF1983; -webkit-box-shadow:4px 4px  
4px 4px #FF1983; box-shadow:4px 4px 4px  
4px #FF1983 }
```

# Background

The CSS property to change the background color of an element to Hex FF1983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF1983 }
```

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

```
.background{ background-color:#FF1983 }
```

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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