

# Converting Colors

Hex(FF194B)

Have a look what the booklet for  
Hex(FF194B) contains.

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**Color**

**Hex(F194B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF194B
RGB	255, 25, 75
RGB Percent	100%, 10%, 29%
CMY	0.0000, 0.9020, 0.7059
CMYK	0.00, 0.90, 0.71, 0.00
HSL	347°, 100%, 55%
HSV	347°, 90%, 100%
XYZ	42.8576, 22.4633, 8.7336
YIQ	99.4700, 121.0300, 64.3100

# Conversions

## Conversions Part 2

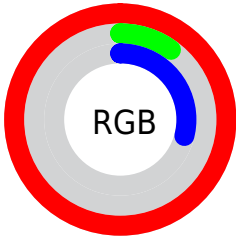
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 25, 75
Decimal	16718155
CIELab	54.52, 79.47, 35.32
CIElCh	55, 86.966, 23.966
Yxy	22.4633, 0.5787, 0.3033
Android (android.graphics.Color)	4294908235 (0xFFFF194B)
YUV	99.4700, -12.0637, 136.3998
Hunter-Lab	47.3954, 78.4678, 22.2514

# Details

The Hex color **FF194B** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **19FFCD**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF687C**, and **BD0020** is the 20% darker color. If you saturate the color by 10%, you get **FF0037**, and if you desaturate by 10%, it is **FF325F**.

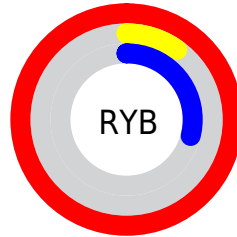
# Distribution



Red (100%)

Green (10%)

Blue (29%)



Red (100%)

Yellow (10%)

Blue (29%)

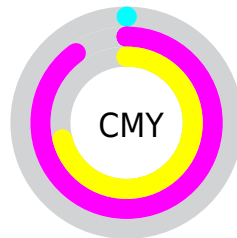


Cyan (0%)

Magenta (90%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (90%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF194B 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 FF194B by changing the saturation by 10% instead.



 FF194B

 FF194B

FFFFFF

 DE0035

 FF687C

 BD0020

 FF8795

 9D000B

 FFA5B0

 7D0001

 FFC4CB

 5D0003

 FFE2E8

 3E0003

 1A0001

 000000

 FF194B

 FF194B

 FF0037

 FF325F

 FF4C73

 FF6587

 FF7F9B

 FF98AF

 FFB2C3

 FFCBD7

 FFE5EB

FFFFFF

# Harmonies

## Analogous

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



FC0095



FF194B



E05600

# Triad

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



FF194B



009B19



0091FF

# Complementary

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



FF194B



19FFCD

# 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.



009EFC



FF194B



00A070

# Square

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



FF194B



649000



00A2BE



4876FF

# Rectangle

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



FF194B



BF7000



00A2BE



0097FF



# Sweetspot

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



FF194B



FFBAC9



C919FF



805760



000000



808080



# Same Dimension

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



FF194B



FF0037



FF5619



807376



BF002A



40000E



# Inverse Universe

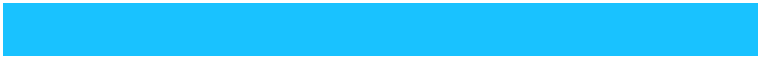
The Inverse Universe completely reimagines the original color for something new.



FF194B



FF0037



19C2FF



807376



BF002A



40000E



# Previews

## White Background



This preview shows how the Hex color FF194B looks on a white background.

## Color Contrast Check

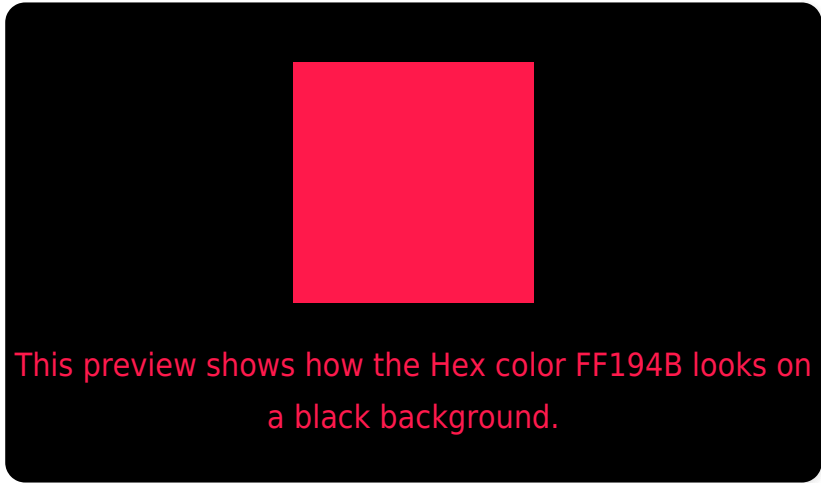
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF194B Background



This preview shows how black text looks on a background with the Hex color FF194B.



This preview shows how white text looks on a background with the Hex color FF194B.

# 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**  
FF194B

**Protanopia**  
8A836E

**Deuteranopia**  
A27D3F



# Trichromacy



**Original Color**  
FF194B



**Protanomaly**  
B55C61



**Deuteranomaly**  
C45943



**Tritanomaly**  
FE2131

# Monochromacy



**Original Color**  
FF194B



**Achromatopsia**  
636363



**Achromatomaly**  
9C485A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF194B 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 #FF194B looks like.

```
.text, #text, p{  
    color:#FF194B  
}
```

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 #FF194B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF194B
}
```

## Border

The CSS property to change the border of an element to Hex FF194B 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
#FF194B }
```

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

```
.border{ border-color:#FF194B }
```

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

Here you see how a box with a 4 pixel #FF194B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF194B; -webkit-box-shadow:4px 4px  
4px 4px #FF194B; box-shadow:4px 4px 4px  
4px #FF194B }
```

# Background

The CSS property to change the background color of an element to Hex FF194B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF194B }
```

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

```
.background{ background-color:#FF194B }
```

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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