

# Converting Colors

Hex(FF14C9)

Have a look what the booklet for  
Hex(FF14C9) contains.

|  |    |
|--|----|
| <b>Hex(FF14C9)</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(F F14C9)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FF14C9                      |
| RGB         | 255, 20, 201                |
| RGB Percent | 100%, 8%, 79%               |
| CMY         | 0.0000, 0.9216, 0.2118      |
| CMYK        | 0.00, 0.92, 0.21, 0.00      |
| HSL         | 314°, 100%, 54%             |
| HSV         | 314°, 92%, 100%             |
| XYZ         | 52.0328, 25.9774, 57.5300   |
| YIQ         | 110.8990, 81.9590, 106.1110 |

# Conversions

## Conversions Part 2

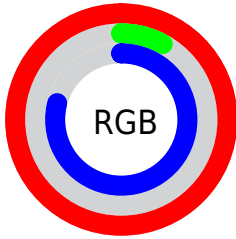
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 255, 20, 201                   |
| Decimal                             | 16717001                       |
| CIE <sub>Lab</sub>                  | 58.02, 89.99, -34.07           |
| CIE <sub>LCh</sub>                  | 58, 96.227, 339.262            |
| Yxy                                 | 25.9774, 0.3839,<br>0.1917     |
| Android<br>(android.graphics.Color) | 4294907081<br>(0xFFFF14C9)     |
| YUV                                 | 110.8990, 44.4198,<br>126.3766 |
| Hunter-Lab                          | 50.9680, 93.0351,<br>-31.2459  |

# Details

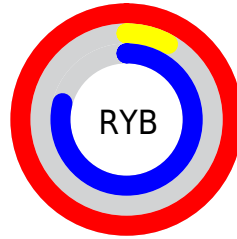
The Hex color **FF14C9** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **14FF4A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6BFF**, and **C10093** is the 20% darker color. If you saturate the color by 10%, you get **FF00C4**, and if you desaturate by 10%, it is **FF2ECF**.

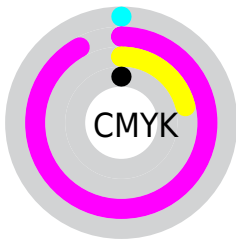
# Distribution



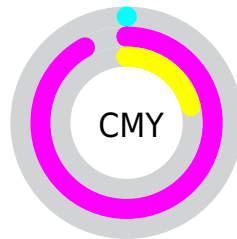
- Red (100%)
- Green (8%)
- Blue (79%)



- Red (100%)
- Yellow (8%)
- Blue (79%)



- Cyan (0%)
- Magenta (92%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (92%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF14C9 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 FF14C9 by changing the saturation by 10% instead.



 FF14C9

 FF14C9

FFFFFF

 E000AD

 FF6BFF

 C10093

 FF8BFF

 A30078

 FFAAFF

 85005F

 FFC9FF

 670047

 FFE8FF

 4B0030

 2D001A

 000000

 FF14C9

 FF14C9

 FF00C4

 FF2ECF

 FF47D5

 FF61DB

 FF7AE0

 FF93E6

 FFADEC

 FFC7F2

 FFE0F8

 FFFAFE

# Harmonies

## Analogous

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



A865FF



FF14C9



FF0076

# Triad

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



FF14C9



929100



00ADF5

# Complementary

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



FF14C9



14FF4A

# 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.



00AEA4



FF14C9



20A200

# Square

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



FF14C9



D77000



00AA4B



00A5FF

# Rectangle

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



FF14C9



FF163F



00AA4B



00AEDC



# Sweetspot

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



FF14C9



FFB8EF



4714FF



805476



000000



808080



# Same Dimension

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



FF14C9



FF00C4



FF1457



80737D



BF0093



400031



# Inverse Universe

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



FF14C9



FF00C4



14FFBC



80737D



BF0093



400031



# Previews

## White Background



This preview shows how the Hex color FF14C9 looks on a white background.

## Color Contrast Check

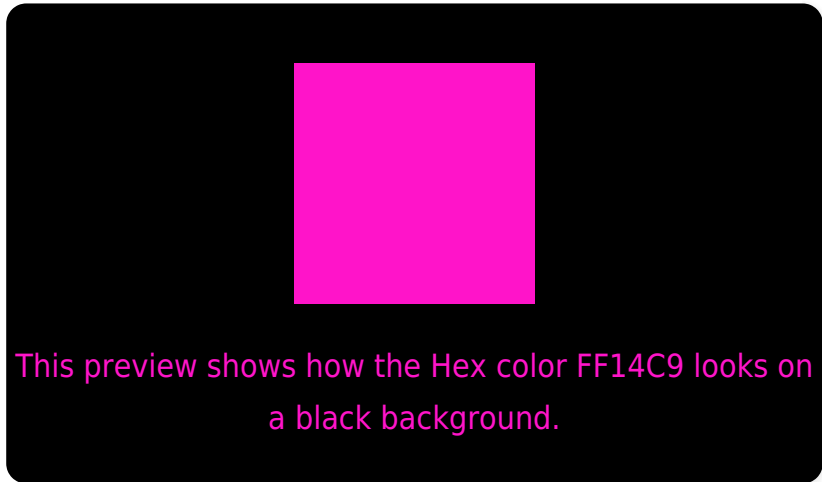
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF14C9 Background



This preview shows how black text looks on a background with the Hex color FF14C9.



This preview shows how white text looks on a background with the Hex color FF14C9.

# Color Blindness Simulation

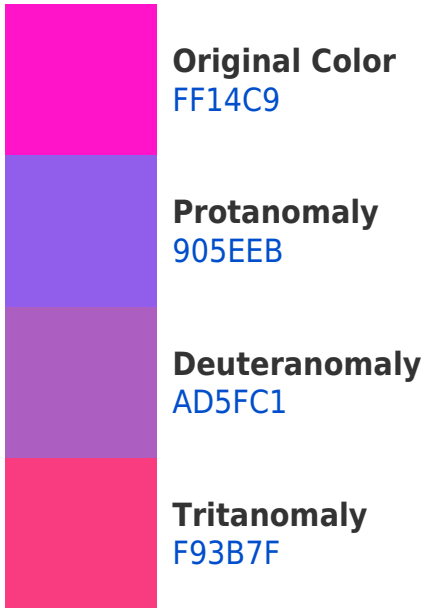
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF14C9 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 #FF14C9 looks like.

```
.text, #text, p{  
    color:#FF14C9  
}
```

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 #FF14C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF14C9
}
```

## Border

The CSS property to change the border of an element to Hex FF14C9 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
#FF14C9 }
```

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

```
.border{ border-color:#FF14C9 }
```

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

Here you see how a box with a 4 pixel #FF14C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF14C9; -webkit-box-shadow:4px 4px  
4px 4px #FF14C9; box-shadow:4px 4px 4px  
4px #FF14C9 }
```

# Background

The CSS property to change the background color of an element to Hex FF14C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF14C9 }
```

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

```
.background{ background-color:#FF14C9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor