

# Converting Colors

Hex(913FC5)

Have a look what the booklet for  
Hex(913FC5) contains.

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**Color**

**Hex(913FC5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	913FC5
RGB	145, 63, 197
RGB Percent	57%, 25%, 77%
CMY	0.4314, 0.7529, 0.2275
CMYK	0.26, 0.68, 0.00, 0.23
HSL	277°, 54%, 51%
HSV	277°, 68%, 77%
XYZ	23.5326, 13.6060, 54.2092
YIQ	102.7940, 5.8580, 59.0580

# Conversions

## Conversions Part 2

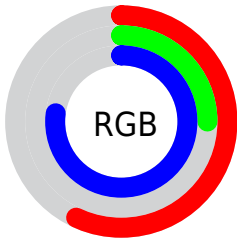
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 63, 197</a>
Decimal	<a href="#">9519045</a>
CIELab	<a href="#">43.66, 56.80, -55.65</a>
CIELCh	<a href="#">44, 79.516, 315.586</a>
Yxy	<a href="#">13.6060, 0.2576, 0.1489</a>
Android (android.graphics.Color)	<a href="#">4287709125 (0xFF913FC5)</a>
YUV	<a href="#">102.7940, 46.4436, 37.0147</a>
Hunter-Lab	<a href="#">36.8863, 49.3280, -61.3141</a>

# Details

The Hex color **913FC5** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **73C53F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **CA74FE**, and **59008E** is the 20% darker color. If you saturate the color by 10%, you get **892BC5**, and if you desaturate by 10%, it is **9953C5**.

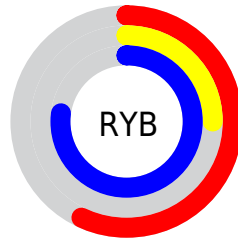
# Distribution



Red (57%)

Green (25%)

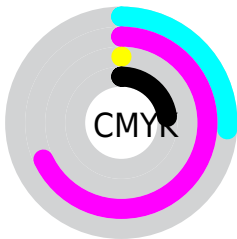
Blue (77%)



Red (57%)

Yellow (25%)

Blue (77%)

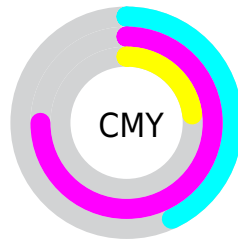


Cyan (26%)

Magenta (68%)

Yellow (0%)

Black (23%)



Cyan (43%)

Magenta (75%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 913FC5 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 913FC5 by changing the saturation by 10% instead.



913FC5

913FC5

FFFFFF

7523A9

CA74FE

59008E

E890FF

3D0074

FFABFF

21005B

FFC7FF

000042

FFE4FF

00032B

000115

000000

913FC5

913FC5

 892BC5

 9953C5

 8218C5

 A066C5

 7A04C5

 A87AC5

 7900C5

 B08EC5

 B7A2C5

 BFB5C5

 C7C9C5

 CEDDC5

 D6F0C5

# Harmonies

## Analogous

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



0064E9



913FC5



C9008A

# Triad

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



913FC5



985800



008289

# Complementary

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



913FC5



73C53F

# 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.



008044



913FC5



5F6F00

# Square

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



913FC5



C23100



007B00



0081C5

# Rectangle

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



913FC5



D6005E



007B00



008172



# Sweetspot

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



913FC5



EBCCFE



3F75C5



746180



000000



808080



# Same Dimension

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



913FC5



AE2EFF



C53FB8



605A63



6400A3



160024



# Inverse Universe

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



C53F73



FF2E7F



3FC54C



635A5D



A3003F

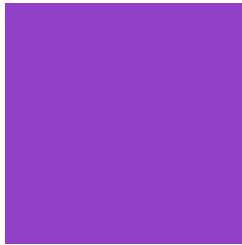


24000E



# Previews

## White Background



This preview shows how the Hex color 913FC5 looks on a white background.

## Color Contrast Check

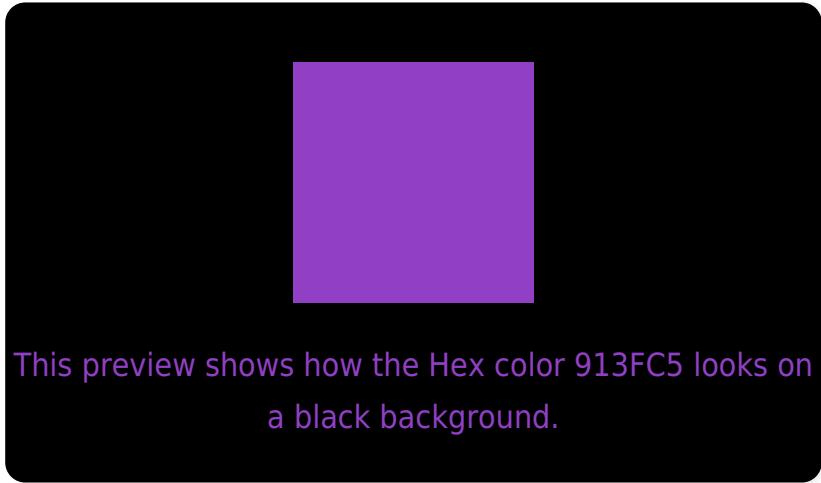
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

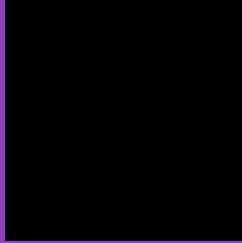
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 913FC5 Background



This preview shows how black text looks on a background with the Hex color 913FC5.

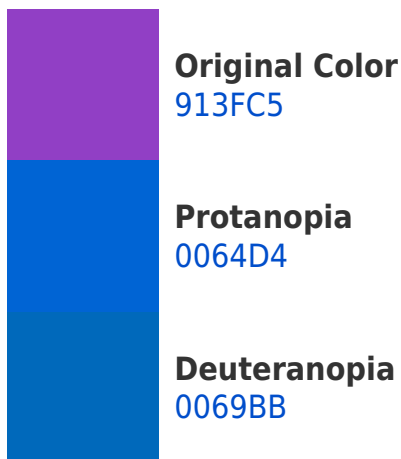



This preview shows how white text looks on a background with the Hex color 913FC5.

# 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](#).

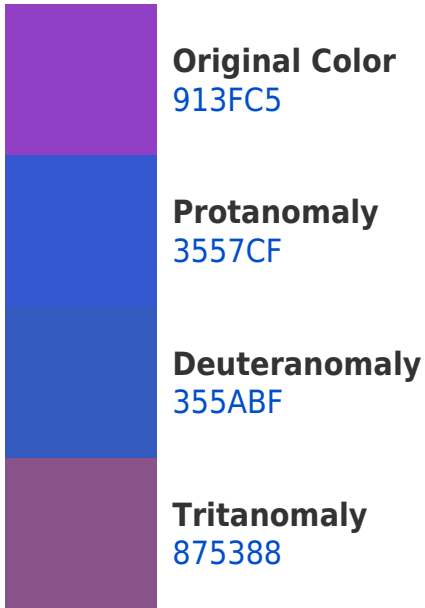
## Dichromacy



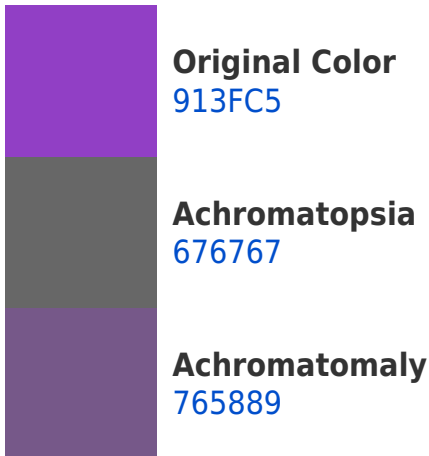


**Tritanopia**  
815E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 913FC5 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 #913FC5 looks like.

```
.text, #text, p{  
    color:#913FC5  
}
```

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 #913FC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #913FC5
}
```

## Border

The CSS property to change the border of an element to Hex 913FC5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

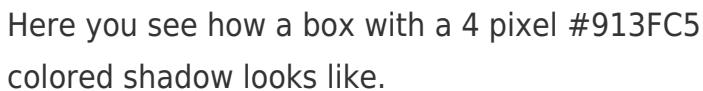
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#913FC5 }
```

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

```
.border{ border-color:#913FC5 }
```

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



Here you see how a box with a 4 pixel #913FC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #913FC5; -webkit-box-shadow:4px 4px  
4px 4px #913FC5; box-shadow:4px 4px 4px  
4px #913FC5 }
```

# Background

The CSS property to change the background color of an element to Hex 913FC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#913FC5 }
```

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

```
.background{ background-color:#913FC5 }
```

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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