

# Converting Colors

Hex(963FE5)

Have a look what the booklet for  
Hex(963FE5) contains.

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# Color

**Hex(963FE5)**

# Conversions

Conversions Part 1	
Format	Color
Hex	963FE5
RGB	150, 63, 229
RGB Percent	59%, 25%, 90%
CMY	0.4118, 0.7529, 0.1020
CMYK	0.34, 0.72, 0.00, 0.10
HSL	271°, 76%, 57%
HSV	271°, 72%, 90%
XYZ	28.4980, 15.6962, 75.6564
YIQ	107.9370, -1.4340, 70.0700

# Conversions

## Conversions Part 2

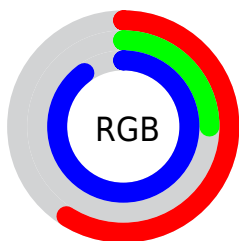
Format	Color
<a href="#">RYB</a>	<a href="#">150, 63, 229</a>
Decimal	<a href="#">9846757</a>
CIELab	<a href="#">46.57, 64.94, -69.26</a>
CIELCh	<a href="#">47, 94.942, 313.157</a>
Yxy	<a href="#">15.6962, 0.2378, 0.1310</a>
Android (android.graphics.Color)	<a href="#">4288036837</a> (0xFF963FE5)
YUV	<a href="#">107.9370, 59.6841, 36.8893</a>
Hunter-Lab	<a href="#">39.6184, 59.0652, -85.4889</a>

# Details

The Hex color **963FE5** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle washed purple. A complement of this color would be **8EE53F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D176FF**, and **5B00AC** is the 20% darker color. If you saturate the color by 10%, you get **8B28E5**, and if you desaturate by 10%, it is **A156E5**.

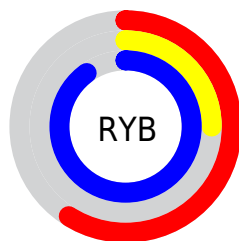
# Distribution



Red (59%)

Green (25%)

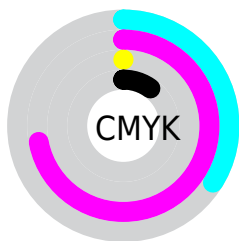
Blue (90%)



Red (59%)

Yellow (25%)

Blue (90%)

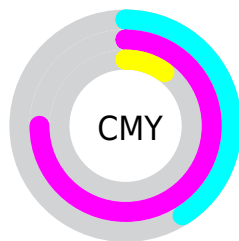


Cyan (34%)

Magenta (72%)

Yellow (0%)

Black (10%)



Cyan (41%)

Magenta (75%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 963FE5 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 963FE5 by changing the saturation by 10% instead.



 963FE5

FFFFFF

 D176FF

 EF92FF

 FFAEFF

 FFCAFF

 FFE7FF

 963FE5

 7921C8

 5B00AC

 3C0091

 160076

 00005D

 000244

 00032D

 000117

 000000

 963FE5

 963FE5

 8B28E5

 A156E5

 8011E5

 AC6DE5

 7800E5

 B784E5

 C29BE5

 CCB2E5

 D7C8E5

 E2DFE5

 EDF6E5

 F8FFE5

# Harmonies

## Analogous

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



006FFF



963FE5



E0009F

# Triad

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



963FE5



AB5900



008D91

# Complementary

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



963FE5



8EE53F

# 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.



008A3C



963FE5



677600

# Square

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



963FE5



DC1600



008400



008CDC

# Rectangle

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



963FE5



F1006A



008400



008C75



# Sweetspot

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



963FE5



E4C7FF



3F8FE5



705E80



000000



808080



# Same Dimension

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



963FE5



9521FF



E53FE2



6D6773



5E00B3



1B0033



# Inverse Universe

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



E53F8E



FF218B



3FE542



73676D



B30055

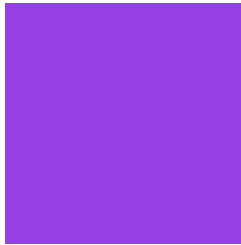


330018



# Previews

## White Background



This preview shows how the Hex color 963FE5 looks on a white background.

## Color Contrast Check

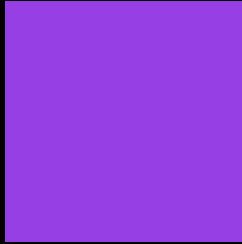
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 963FE5 looks on a 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 963FE5 Background



This preview shows how black text looks on a background with the Hex color 963FE5.



This preview shows how white text looks on a background with the Hex color 963FE5.

# 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**

963FE5

**Protanopia**

006BE1





**Deuteranopia**

0071C4






**Tritanopia**  
7F6870

# Trichromacy

	<b>Original Color</b> 963FE5
	<b>Protanomaly</b> 375BE2
	<b>Deuteranomaly</b> 375FD0
	<b>Tritanomaly</b> 87599B

# Monochromacy

	<b>Original Color</b> 963FE5
	<b>Achromatopsia</b> 6C6C6C
	<b>Achromatomaly</b> 7B5C98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 963FE5 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 #963FE5 looks like.

```
.text, #text, p{  
    color:#963FE5  
}
```

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 #963FE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #963FE5
}
```

## Border

The CSS property to change the border of an element to Hex 963FE5 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
#963FE5 }
```

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

```
.border{ border-color:#963FE5 }
```

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

Here you see how a box with a 4 pixel #963FE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #963FE5; -webkit-box-shadow:4px 4px  
4px 4px #963FE5; box-shadow:4px 4px 4px  
4px #963FE5 }
```

# Background

The CSS property to change the background color of an element to Hex 963FE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#963FE5 }
```

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

```
.background{ background-color:#963FE5 }
```

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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