

Converting Colors

Hex(963FB6)

Have a look what the booklet for
Hex(963FB6) contains.

Hex(963FB6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(963FB6)

Conversions

Conversions Part 1

Format	Color
Hex	963FB6
RGB	150, 63, 182
RGB Percent	59%, 25%, 71%
CMY	0.4118, 0.7529, 0.2863
CMYK	0.18, 0.65, 0.00, 0.29
HSL	284°, 49%, 48%
HSV	284°, 65%, 71%
XYZ	22.7987, 13.4164, 45.6440
YIQ	102.5790, 13.6530, 55.4530

Conversions

Conversions Part 2

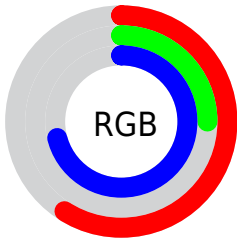
Format	Color
R_{YB}	150, 63, 182
Decimal	9846710
CIE _{Lab}	43.38, 54.70, -47.30
CIE _{LCh}	43, 72.312, 319.152
Yxy	13.4164, 0.2785, 0.1639
Android (android.graphics.Color)	4288036790 (0xFF963FB6)
YUV	102.5790, 39.1546, 41.5882
Hunter-Lab	36.6285, 47.0041, -48.2434

Details

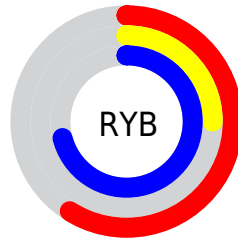
The Hex color **963FB6** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5FB63F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **CF74EF**, and **5F0080** is the 20% darker color. If you saturate the color by 10%, you get **912DB6**, and if you desaturate by 10%, it is **9B51B6**.

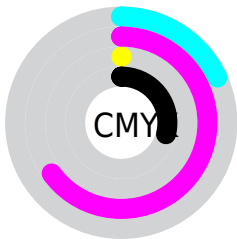
Distribution



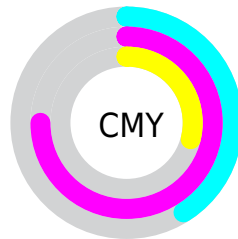
- Red (59%)
- Green (25%)
- Blue (71%)



- Red (59%)
- Yellow (25%)
- Blue (71%)



- Cyan (18%)
- Magenta (65%)
- Yellow (0%)
- Black (29%)



- Cyan (41%)
- Magenta (75%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 963FB6 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 963FB6 by changing the saturation by 10% instead.

 963FB6

 963FB6

FFFFFF

 7A239B

 CF74EF

 5F0080

 EC90FF

 440067

 FFABFF

 2B004E

 FFC7FF

 0B0036

 FFE4FF

 000220

 000003

 000000

 963FB6

 963FB6

912DB6

9B51B6

8C1BB6

A063B6

8708B6

A576B6

8500B6

AA88B6

AE9AB6

B3ACB6

B8BEB6

BDD1B6

C2E3B6

Harmonies

Analogous

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



0061D9



963FB6



C40A7F

Triad

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



963FB6



8F5C00



00808C

Complementary

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



963FB6



5FB63F

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.



007E4E



963FB6



596F00

Square

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



963FB6



B73D00



007900



007DC1

Rectangle

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



963FB6



CD0057



007900



007F78

Sweetspot

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



963FB6



E0BEED



3F61B6



705B78



F7F7F7



787878

Same Dimension

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



963FB6



BB34ED



B63F9C



59535C



72009C



15001C

Inverse Universe

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



B63F5F



ED3466



3FB659



5C5355



9C002A



1C0008

Previews

White Background



This preview shows how the Hex color 963FB6 looks on a white background.

Color Contrast Check

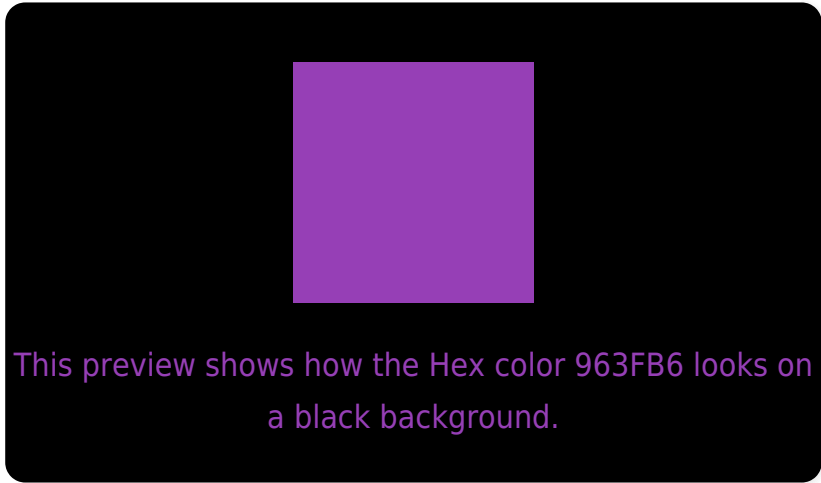
Large Text (above 18pt) WCAG AA ✓ Pass

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

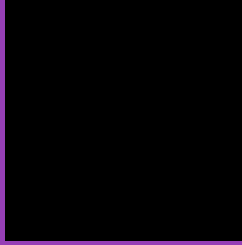
Any Text WCAG AA × Fail

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 963FB6 Background



This preview shows how black text looks on a background with the Hex color 963FB6.

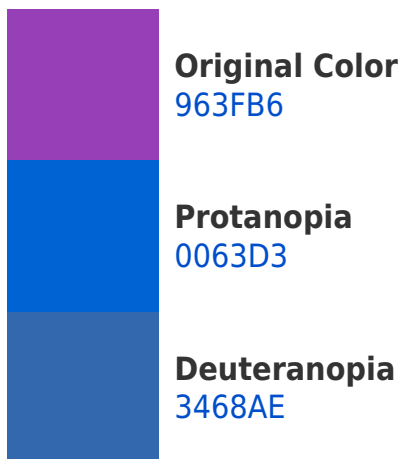


This preview shows how white text looks on a background with the Hex color 963FB6.

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
895960

Trichromacy



Original Color
963FB6



Protanomaly
3756C8



Deuteranomaly
5859B1



Tritanomaly
8E507F

Monochromacy



Original Color
963FB6



Achromatopsia
676767



Achromatomaly
785884

CSS Examples

Text

The CSS property to change the color of the text to Hex 963FB6 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 #963FB6 looks like.

```
.text, #text, p{  
    color:#963FB6  
}
```

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 #963FB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #963FB6  
}
```

Border

The CSS property to change the border of an element to Hex 963FB6 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  
#963FB6 }
```

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

```
.border{ border-color:#963FB6 }
```

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

Here you see how a box with a 4 pixel #963FB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #963FB6; -webkit-box-shadow:4px 4px  
4px 4px #963FB6; box-shadow:4px 4px 4px  
4px #963FB6 }
```

Background

The CSS property to change the background color of an element to Hex 963FB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#963FB6 }
```

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

```
.background{ background-color:#963FB6 }
```

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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