

Converting Colors

Hex(936FBB)

Have a look what the booklet for
Hex(936FBB) contains.

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Color

Hex(936FBB)

Conversions

Conversions Part 1

Format	Color
Hex	936FBB
RGB	147, 111, 187
RGB Percent	58%, 44%, 73%
CMY	0.4235, 0.5647, 0.2667
CMYK	0.21, 0.41, 0.00, 0.27
HSL	268°, 36%, 58%
HSV	268°, 41%, 73%
XYZ	26.6867, 21.1598, 49.6914
YIQ	130.4280, -2.9400, 31.2680

Conversions

Conversions Part 2

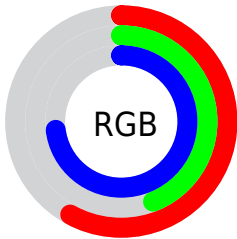
Format	Color
R_{YB}	147, 111, 187
Decimal	9662395
CIE _{Lab}	53.12, 29.46, -34.80
CIE _{LCh}	53, 45.597, 310.247
Yxy	21.1598, 0.2736, 0.2169
Android (android.graphics.Color)	4287852475 (0xFF936FBB)
YUV	130.4280, 27.8900, 14.5336
Hunter-Lab	45.9998, 23.0570, -31.8484

Details

The Hex color **936FBB** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **97BB6F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CAA3F4**, and **5F3E85** is the 20% darker color. If you saturate the color by 10%, you get **895CBB**, and if you desaturate by 10%, it is **9D82BB**.

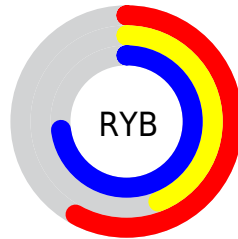
Distribution



Red (58%)

Green (44%)

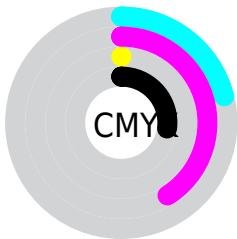
Blue (73%)



Red (58%)

Yellow (44%)

Blue (73%)

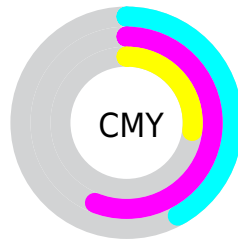


Cyan (21%)

Magenta (41%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (56%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 936FBB 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 936FBB by changing the saturation by 10% instead.

■ 936FBB

■ 936FBB

FFFFFF

■ 7856A0

■ CAA3F4

■ 5F3E85

■ E7BEFF

■ 45276C

■ FFDAFF

■ 2D1153

■ FFF7FF

■ 16003C

■ 000225

■ 00010E

■ 000000

■ 936FBB

■ 936FBB

895CBB

9D82BB

7F4ABB

A794BB

7537BB

B1A7BB

6C24BB

BABABB

6212BB

C4CCBB

5900BB

CEDFBB

D8F2BB

E2FFBB

ECFFBB

Harmonies

Analogous

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



517FCC



936FBB



B9619A

Triad

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



936FBB



AA7333



00928C

Complementary

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



936FBB



97BB6F

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.



159163



936FBB



88812D

Square

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



936FBB



C1654E



5E8B40



0091B1

Rectangle

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



936FBB



C55C80



5E8B40



00927E

Sweetspot

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



936FBB



E3D5F2



6F98BB



71697A



FAFAFA



7A7A7A

Same Dimension

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



936FBB



B47CF2



B86FBB



59555E



4B009E



0E001F

Inverse Universe

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



BB6F97



F27CBA



72BB6F



5E555A



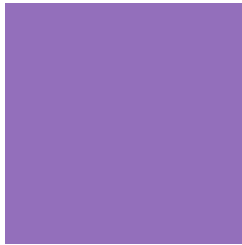
9E0053



1F0010

Previews

White Background



This preview shows how the Hex color 936FBB looks on a white background.

Color Contrast Check

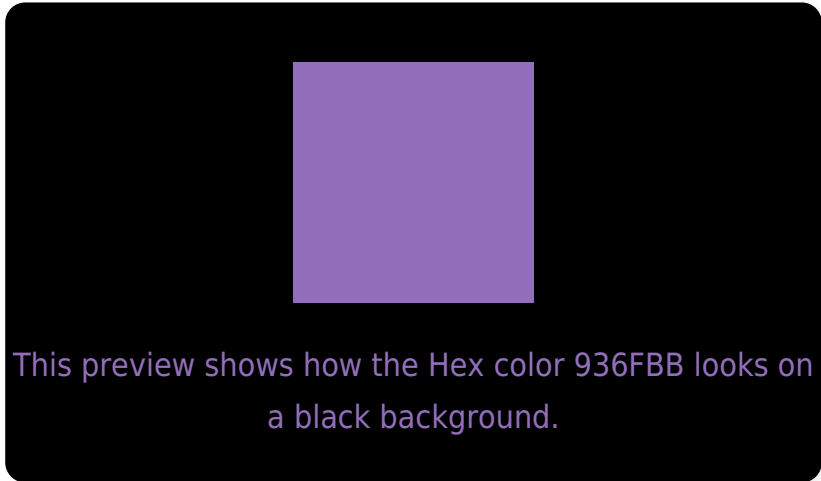
Large Text (above 18pt) WCAG AA ✓ Pass

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

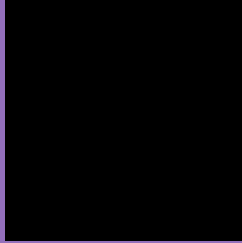
Any Text WCAG AA ✓ Pass

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 936FBB Background



This preview shows how black text looks on a background with the Hex color 936FBB.

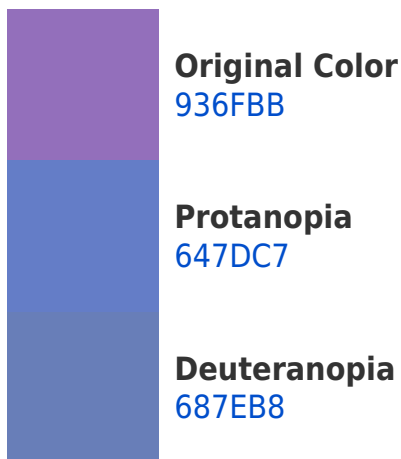


This preview shows how white text looks on a background with the Hex color 936FBB.

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](#).

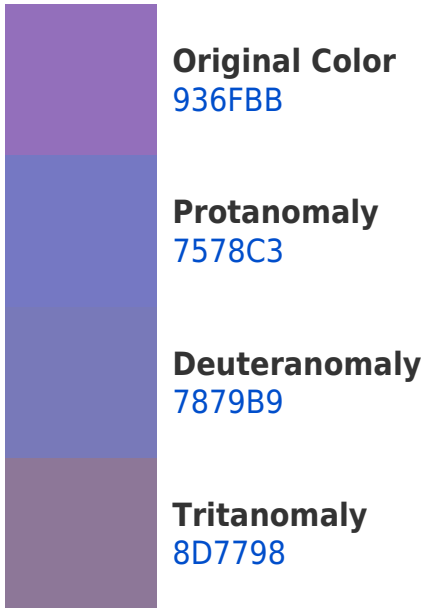
Dichromacy



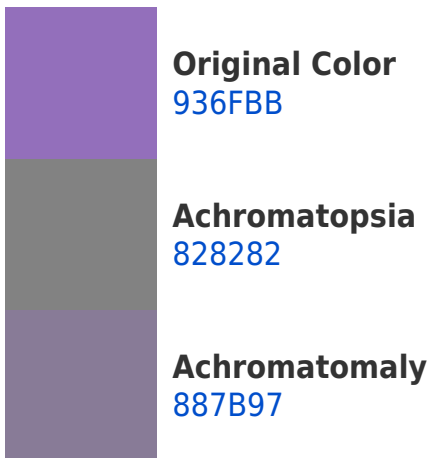


Tritanopia
8A7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 936FBB 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 #936FBB looks like.

```
.text, #text, p{  
    color:#936FBB  
}
```

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 #936FBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936FBB
}
```

Border

The CSS property to change the border of an element to Hex 936FBB is called "border". The border property can be set on classes, ids or directly on the HTML element.

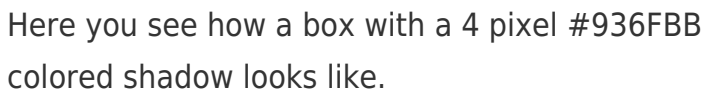
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#936FBB }
```

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

```
.border{ border-color:#936FBB }
```

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



Here you see how a box with a 4 pixel #936FBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936FBB; -webkit-box-shadow:4px 4px  
4px 4px #936FBB; box-shadow:4px 4px 4px  
4px #936FBB }
```

Background

The CSS property to change the background color of an element to Hex 936FBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936FBB }
```

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

```
.background{ background-color:#936FBB }
```

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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