

Converting Colors

Hex(936BF2)

Have a look what the booklet for
Hex(936BF2) contains.

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Color

Hex(936BF2)

Conversions

Conversions Part 1

Format	Color
Hex	936BF2
RGB	147, 107, 242
RGB Percent	58%, 42%, 95%
CMY	0.4235, 0.5804, 0.0510
CMYK	0.39, 0.56, 0.00, 0.05
HSL	258°, 84%, 68%
HSV	258°, 56%, 95%
XYZ	33.3173, 23.1292, 86.7128
YIQ	134.3500, -19.4950, 50.4650

Conversions

Conversions Part 2

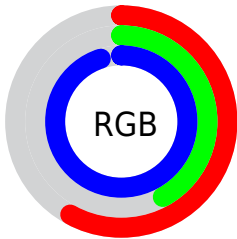
Format	Color
RYB	147, 107, 242
Decimal	9661426
CIELab	55.21, 45.63, -62.62
CIELCh	55, 77.475, 306.079
Yxy	23.1292, 0.2327, 0.1616
Android (android.graphics.Color)	4287851506 (0xFF936BF2)
YUV	134.3500, 53.0714, 11.0941
Hunter-Lab	48.0929, 39.4970, -73.2365

Details

The Hex color **936BF2** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **CAF26B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **CDA0FF**, and **5939B9** is the 20% darker color. If you saturate the color by 10%, you get **8253F2**, and if you desaturate by 10%, it is **A483F2**.

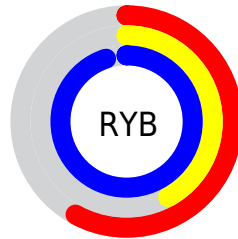
Distribution



Red (58%)

Green (42%)

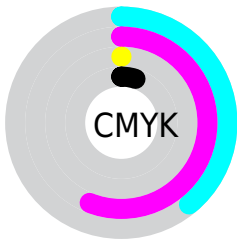
Blue (95%)



Red (58%)

Yellow (42%)

Blue (95%)

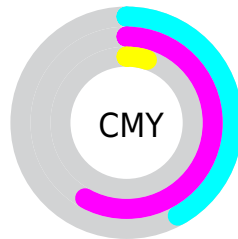


Cyan (39%)

Magenta (56%)

Yellow (0%)

Black (5%)



Cyan (42%)

Magenta (58%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 936BF2 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 936BF2 by changing the saturation by 10% instead.

 936BF2

 936BF2

FFFFFF

 7652D5

 CDA0FF

 5939B9

 EBBBFF

 3B229D

 FFD7FF

 140883

 FFF4FF

 000069

 000050

 000538

 000221


 000006

 936BF2

 936BF2

 8253F2

 A483F2

 713BF2

 B59BF2

 6022F2

 C6B4F2

 4F0AF2

 D7CCF2

 4800F2

 E8E4F2

 F9FCF2

 FFFFF2

Harmonies

Analogous

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



0089FF



936BF2



DD44BC

Triad

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



936BF2



CA6C00



00A191

Complementary

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



936BF2



CAF26B

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.



009E4A



936BF2



948600

Square

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



936BF2



EE4839



4A9600



00A0D2

Rectangle

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



936BF2



F32E90



4A9600



00A079

Sweetspot

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



936BF2



E0D4FF



6BCCF2



6E6680



000000



808080

Same Dimension

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



936BF2



8754FF



D56BF2



6F6C78



3600B8



110038

Inverse Universe

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



F26BCA



FF54CC



88F26B



786C74



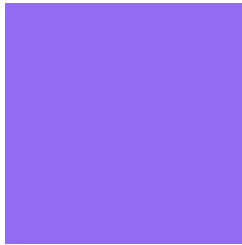
B80081



380027

Previews

White Background



This preview shows how the Hex color 936BF2 looks on a white background.

Color Contrast Check

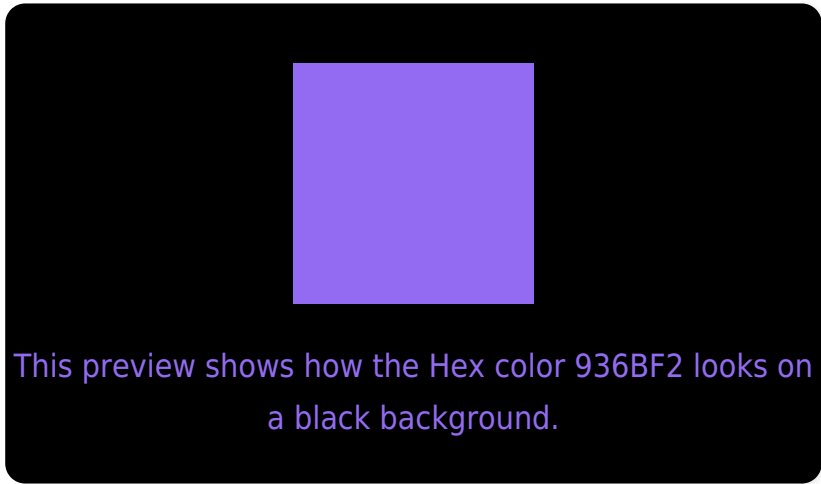
Large Text (above 18pt) WCAG AA ✓ Pass

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

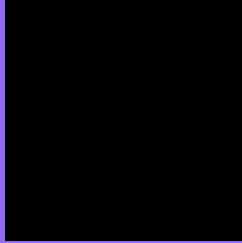
Any Text WCAG AA ✓ Pass

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 936BF2 Background



This preview shows how black text looks on a background with the Hex color 936BF2.

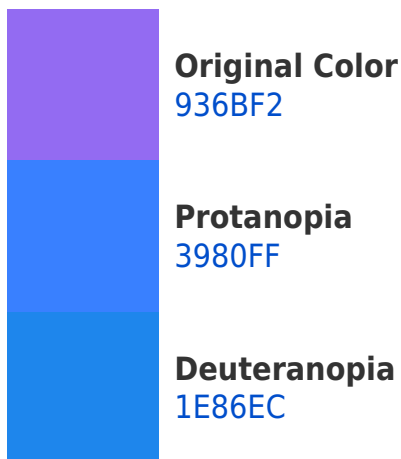


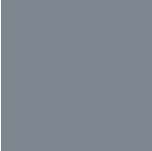
This preview shows how white text looks on a background with the Hex color 936BF2.

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](#).

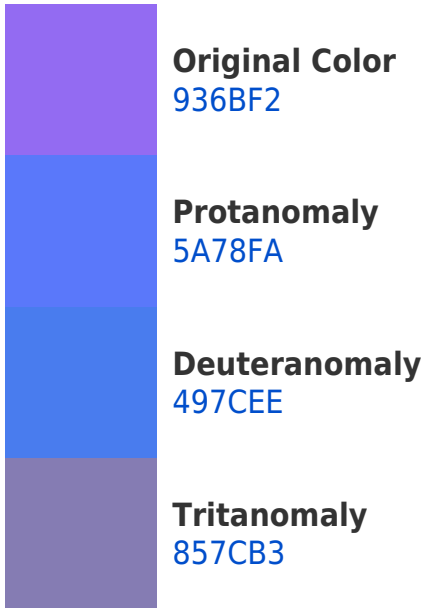
Dichromacy



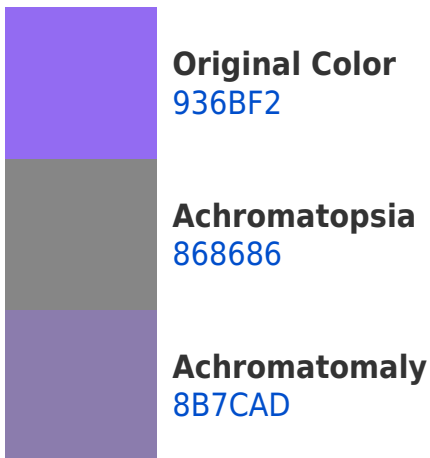


Tritanopia
7D858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 936BF2 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 #936BF2 looks like.

```
.text, #text, p{  
    color:#936BF2  
}
```

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 #936BF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936BF2  
}
```

Border

The CSS property to change the border of an element to Hex 936BF2 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  
#936BF2 }
```

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

```
.border{ border-color:#936BF2 }
```

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

Here you see how a box with a 4 pixel #936BF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936BF2; -webkit-box-shadow:4px 4px  
4px 4px #936BF2; box-shadow:4px 4px 4px  
4px #936BF2 }
```

Background

The CSS property to change the background color of an element to Hex 936BF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936BF2 }
```

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

```
.background{ background-color:#936BF2 }
```

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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