

Converting Colors

Hex(4936BF)

Have a look what the booklet for
Hex(4936BF) contains.

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Color

Hex(4936BF)

Conversions

Conversions Part 1

Format	Color
Hex	4936BF
RGB	73, 54, 191
RGB Percent	29%, 21%, 75%
CMY	0.7137, 0.7882, 0.2510
CMYK	0.62, 0.72, 0.00, 0.25
HSL	248°, 56%, 48%
HSV	248°, 72%, 75%
XYZ	13.4708, 7.8164, 50.0889
YIQ	75.2990, -32.6530, 46.6350

Conversions

Conversions Part 2

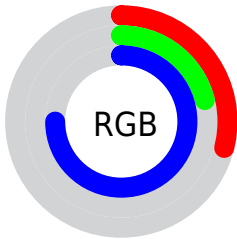
Format	Color
R_{YB}	73, 54, 191
Decimal	4798143
CIE _{Lab}	33.60, 46.91, -68.88
CIE _{LCh}	34, 83.333, 304.255
Yxy	7.8164, 0.1887, 0.1095
Android (android.graphics.Color)	4282988223 (0xFF4936BF)
YUV	75.2990, 57.0406, -2.0162
Hunter-Lab	27.9578, 37.0797, -86.6529

Details

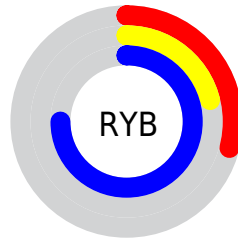
The Hex color **4936BF** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **ACBF36**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8667F8**, and **000688** is the 20% darker color. If you saturate the color by 10%, you get **3923BF**, and if you desaturate by 10%, it is **5949BF**.

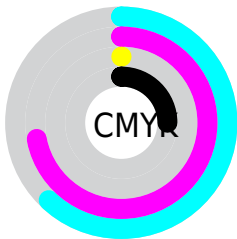
Distribution



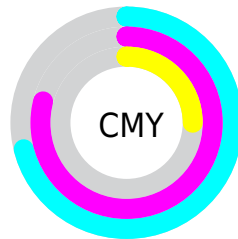
- Red (29%)
- Green (21%)
- Blue (75%)



- Red (29%)
- Yellow (21%)
- Blue (75%)



- Cyan (62%)
- Magenta (72%)
- Yellow (0%)
- Black (25%)



- Cyan (71%)
- Magenta (79%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4936BF 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 4936BF by changing the saturation by 10% instead.

■ 4936BF

■ 4936BF

FFFFFF

■ 241EA3

■ 8667F8

■ 000688

■ A481FF

■ 00006E

■ C29BFF

■ 000055

■ E0B6FF

■ 00063C

■ FED2FF

■ 000226

■ FFEFFF

■ 00010E

■ 000000

■ 4936BF

■ 4936BF

■ 3923BF

■ 5949BF

■ 2810BF

■ 6A5CBF

■ 1A00BF

■ 7A6FBF

■ 8B82BF

■ 9B96BF

■ ACA9BF

■ BCBCBF

■ CDCFBF

■ DDE2BF

Harmonies

Analogous

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



0057D7



4936BF



A0008A

Triad

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



4936BF



8D3200



006757

Complementary

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



4936BF



ACBF36

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.



006408



4936BF



595000

Square

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



4936BF



B00006



005E00



006899

Rectangle

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



4936BF



B6005F



005E00



006640

Sweetspot

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



4936BF



C8C1F7



36ADBFB



615C7D



FCFCFC



7D7D7D

Same Dimension

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



4936BF



4023F7



8D36BF



56555E



16009E



04001F

Inverse Universe

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



BF36AC



F723DA



68BF36



5E555D



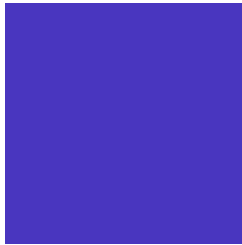
9E0088



1F001A

Previews

White Background



This preview shows how the Hex color 4936BF looks on a white background.

Color Contrast Check

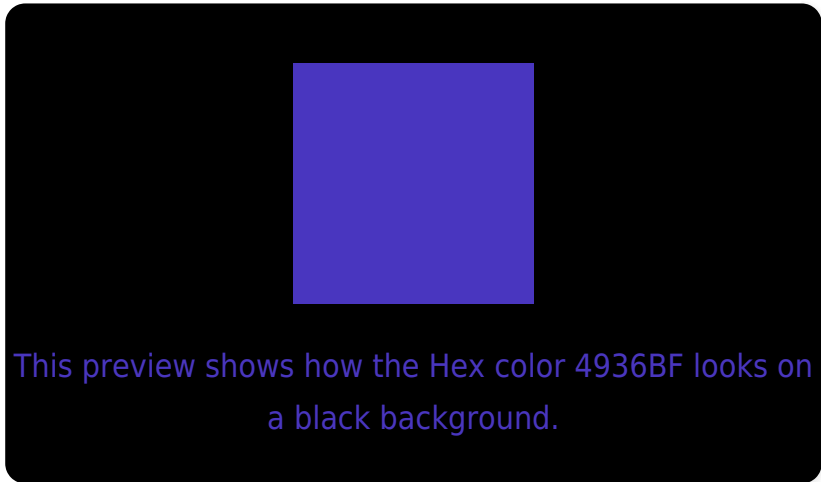
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

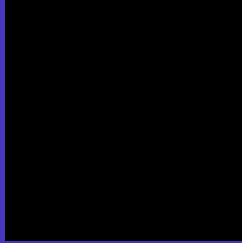
Any Text WCAG AA × Fail

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 4936BF Background



This preview shows how black text looks on a background with the Hex color 4936BF.

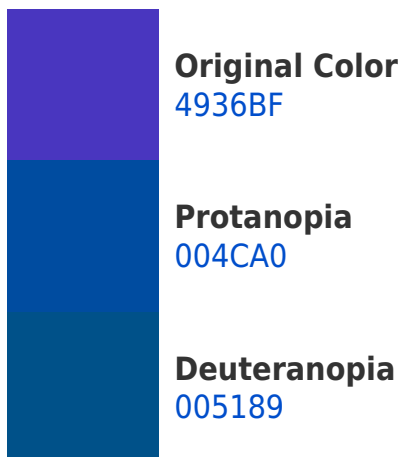


This preview shows how white text looks on a background with the Hex color 4936BF.

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



Trichromacy



Original Color
4936BF

Protanomaly
1B44AB

Deuteranomaly
1B479D

Tritanomaly
264B81

Monochromacy



Original Color
4936BF

Achromatopsia
4B4B4B

Achromatomaly
4A4375

CSS Examples

Text

The CSS property to change the color of the text to Hex 4936BF 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 #4936BF looks like.

```
.text, #text, p{  
    color:#4936BF  
}
```

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 #4936BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4936BF
}
```

Border

The CSS property to change the border of an element to Hex 4936BF 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".

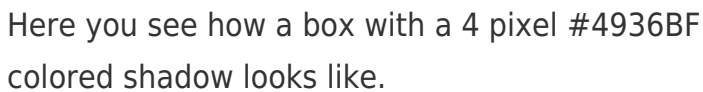
```
.border, #border, table{ border:4px solid
#4936BF }
```

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

```
.border{ border-color:#4936BF }
```

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

Here you see how a box with a 4 pixel #4936BF colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4936BF; -webkit-box-shadow:4px 4px  
4px 4px #4936BF; box-shadow:4px 4px 4px  
4px #4936BF }
```

Background

The CSS property to change the background color of an element to Hex 4936BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4936BF }
```

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

```
.background{ background-color:#4936BF }
```

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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