

Converting Colors

Hex(906CF2)

Have a look what the booklet for
Hex(906CF2) contains.

Hex(906CF2)	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(906CF2)

Conversions

Conversions Part 1

Format	Color
Hex	906CF2
RGB	144, 108, 242
RGB Percent	56%, 42%, 95%
CMY	0.4353, 0.5765, 0.0510
CMYK	0.40, 0.55, 0.00, 0.05
HSL	256°, 84%, 69%
HSV	256°, 55%, 95%
XYZ	32.8912, 23.0652, 86.7229
YIQ	134.0400, -21.5580, 49.3060

Conversions

Conversions Part 2

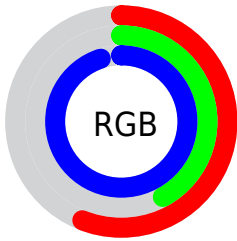
Format	Color
RYB	144, 108, 242
Decimal	9465074
CIELab	55.14, 44.40, -62.74
CIELCh	55, 76.858, 305.288
Yxy	23.0652, 0.2305, 0.1617
Android (android.graphics.Color)	4287655154 (0xFF906CF2)
YUV	134.0400, 53.2243, 8.7349
Hunter-Lab	48.0263, 38.2012, -73.4439

Details

The Hex color **906CF2** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **CEF26C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **CAA1FF**, and **563BB9** is the 20% darker color. If you saturate the color by 10%, you get **7E54F2**, and if you desaturate by 10%, it is **A284F2**.

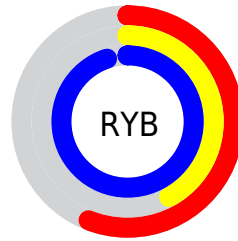
Distribution



Red (56%)

Green (42%)

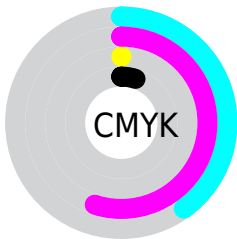
Blue (95%)



Red (56%)

Yellow (42%)

Blue (95%)

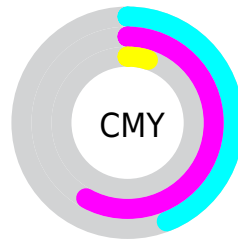


Cyan (40%)

Magenta (55%)

Yellow (0%)

Black (5%)



Cyan (44%)

Magenta (58%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 906CF2 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 906CF2 by changing the saturation by 10% instead.

 906CF2

 906CF2

FFFFFF

 7353D5

 CAA1FF

 563BB9

 E8BCFF

 37239D

 FFD8FF

 0C0B83

 FFF5FF

 000069

 000050

 000538

 000221

 000006

 906CF2

 906CF2

 7E54F2

 A284F2

 6D3CF2

 B39CF2

 5B23F2

 C5B5F2

 490BF2

 D7CDF2

 4100F2

 E8E5F2

 FAFDF2

 FFFFF2

Harmonies

Analogous

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



0089FF



906CF2



DB46BD

Triad

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



906CF2



CA6B00



00A18E

Complementary

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



906CF2



CEF26C

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.



009D48



906CF2



958500

Square

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



906CF2



EE483B



4E9500



00A0D0

Rectangle

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



906CF2



F23092



4E9500



00A077

Sweetspot

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



906CF2



DFD4FF



6CCEF2



6D6680



000000



808080

Same Dimension

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



906CF2



8457FF



D36CF2



6F6C78



3100B8



0F0038

Inverse Universe

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



F26CCE



FF57D2



8BF26C



786C75



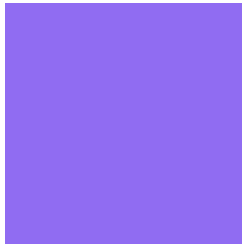
B80086



380029

Previews

White Background



This preview shows how the Hex color 906CF2 looks on a white background.

Color Contrast Check

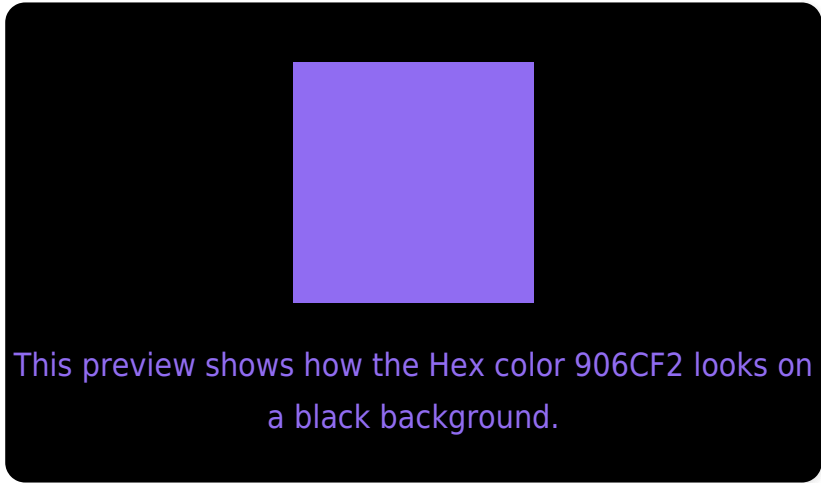
Large Text (above 18pt) WCAG AA ✓ Pass

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

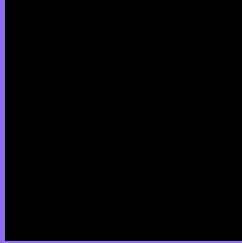
Any Text WCAG AA ✓ Pass

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 906CF2 Background



This preview shows how black text looks on a background with the Hex color 906CF2.



This preview shows how white text looks on a background with the Hex color 906CF2.

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](#).

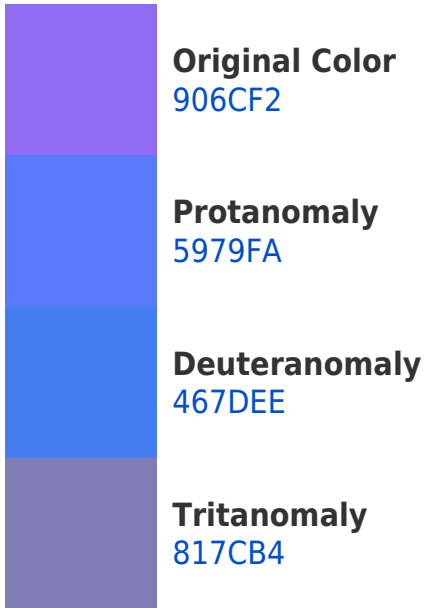
Dichromacy





Tritanopia
798590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 906CF2 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 #906CF2 looks like.

```
.text, #text, p{  
    color:#906CF2  
}
```

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 #906CF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #906CF2
}
```

Border

The CSS property to change the border of an element to Hex 906CF2 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
#906CF2 }
```

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

```
.border{ border-color:#906CF2 }
```

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

Here you see how a box with a 4 pixel #906CF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #906CF2; -webkit-box-shadow:4px 4px  
4px 4px #906CF2; box-shadow:4px 4px 4px  
4px #906CF2 }
```

Background

The CSS property to change the background color of an element to Hex 906CF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#906CF2 }
```

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

```
.background{ background-color:#906CF2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor