

Converting Colors

Hex(966DB8)

Have a look what the booklet for
Hex(966DB8) contains.

Hex(966DB8)	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(966DB8)

Conversions

Conversions Part 1

Format	Color
Hex	966DB8
RGB	150, 109, 184
RGB Percent	59%, 43%, 72%
CMY	0.4118, 0.5725, 0.2784
CMYK	0.18, 0.41, 0.00, 0.28
HSL	273°, 35%, 57%
HSV	273°, 41%, 72%
XYZ	26.6980, 20.8820, 47.9709
YIQ	129.8090, 0.3610, 32.0170

Conversions

Conversions Part 2

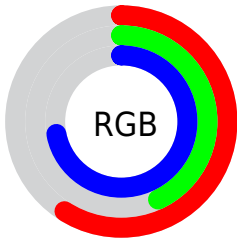
Format	Color
R _Y B	150, 109, 184
Decimal	9858488
CIE _{Lab}	52.82, 30.82, -33.53
CIE _{LCh}	53, 45.539, 312.586
Y _{xy}	20.8820, 0.2794, 0.2185
Android (android.graphics.Color)	4288048568 (0xFF966DB8)
Y _{UV}	129.8090, 26.7162, 17.7075
Hunter-Lab	45.6968, 24.3179, -30.2527

Details

The Hex color **966DB8** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8FB86D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CDA1F0**, and **613C83** is the 20% darker color. If you saturate the color by 10%, you get **8E5BB8**, and if you desaturate by 10%, it is **9E7FB8**.

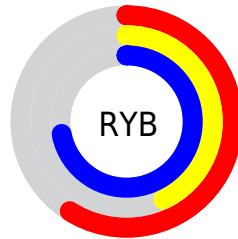
Distribution



Red (59%)

Green (43%)

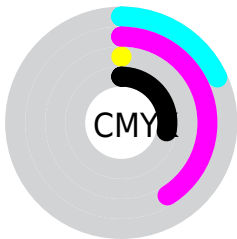
Blue (72%)



Red (59%)

Yellow (43%)

Blue (72%)

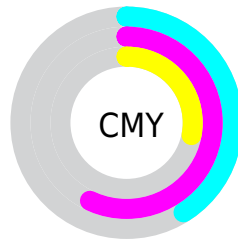


Cyan (18%)

Magenta (41%)

Yellow (0%)

Black (28%)



Cyan (41%)

Magenta (57%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 966DB8 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 966DB8 by changing the saturation by 10% instead.

966DB8

966DB8

FFFFFF

7B549D

CDA1F0

613C83

EABCFF

482569

FFD8FF

300E51

FFF5FF

1A0039

000223

00000A

000000

966DB8

966DB8

 8E5BB8

 9E7FB8

 8548B8

 A792B8

 7D36B8

 AFA4B8

 7523B8

 B7B7B8

 6C11B8

 C0C9B8

 6500B8

 C8DBB8

 D0EEB8

 D9FFB8

 E1FFB8

Harmonies

Analogous

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



577DCA



966DB8



BA5F96

Triad

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



966DB8



A77431



00928E

Complementary

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



966DB8



8FB86D

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.



019065



966DB8



84812D

Square

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



966DB8



BF654B



598B42



008FB2

Rectangle

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



966DB8



C55B7C



598B42



009180

Sweetspot

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



966DB8



E3D3F0



6D90B8



706778



F7F7F7



787878

Same Dimension

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



966DB8



BA7AF0



B86DB6



58535C



55009C



0F001C

Inverse Universe

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



B86D8F



F07AAF



6DB86F



5C5357



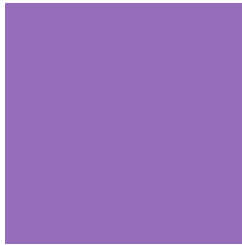
9C0047



1C000D

Previews

White Background



This preview shows how the Hex color 966DB8 looks on a white background.

Color Contrast Check

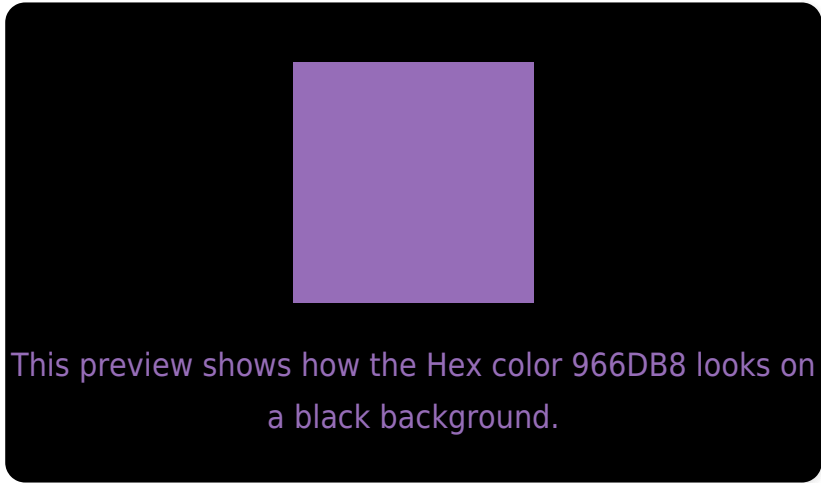
Large Text (above 18pt) WCAG AA ✓ Pass

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

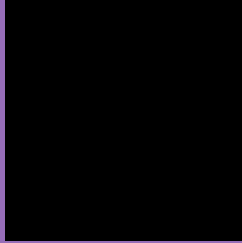
Any Text WCAG AA ✓ Pass

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 966DB8 Background



This preview shows how black text looks on a background with the Hex color 966DB8.

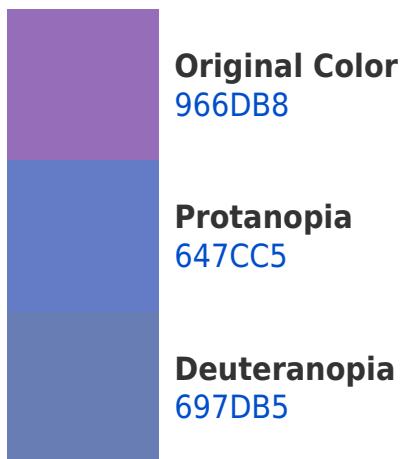


This preview shows how white text looks on a background with the Hex color 966DB8.

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
8D7982

Trichromacy



Original Color
966DB8

Protanomaly
7677C0

Deuteranomaly
7977B6

Tritanomaly
907596

Monochromacy



Original Color
966DB8

Achromatopsia
828282

Achromatomaly
897A96

CSS Examples

Text

The CSS property to change the color of the text to Hex 966DB8 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 #966DB8 looks like.

```
.text, #text, p{  
    color:#966DB8  
}
```

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 #966DB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #966DB8  
}
```

Border

The CSS property to change the border of an element to Hex 966DB8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

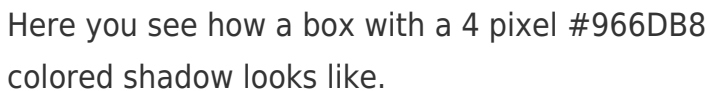
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#966DB8 }
```

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

```
.border{ border-color:#966DB8 }
```

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



Here you see how a box with a 4 pixel #966DB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #966DB8; -webkit-box-shadow:4px 4px  
4px 4px #966DB8; box-shadow:4px 4px 4px  
4px #966DB8 }
```

Background

The CSS property to change the background color of an element to Hex 966DB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#966DB8 }
```

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

```
.background{ background-color:#966DB8 }
```

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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