

Converting Colors

Hex(996EEB)

Have a look what the booklet for
Hex(996EEB) contains.

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Color

Hex(996EEB)

Conversions

Conversions Part 1

Format	Color
Hex	996EEB
RGB	153, 110, 235
RGB Percent	60%, 43%, 92%
CMY	0.4000, 0.5686, 0.0784
CMYK	0.35, 0.53, 0.00, 0.08
HSL	261°, 76%, 68%
HSV	261°, 53%, 92%
XYZ	33.7082, 23.9223, 81.4381
YIQ	137.1070, -14.4970, 47.9910

Conversions

Conversions Part 2

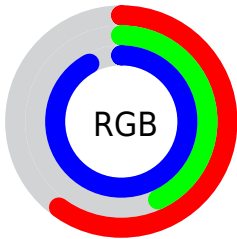
Format	Color
R _Y B	153, 110, 235
Decimal	10055403
CIE Lab	56.01, 43.53, -57.39
CIE LCh	56, 72.032, 307.180
Yxy	23.9223, 0.2424, 0.1720
Android (android.graphics.Color)	4288245483 (0xFF996EEB)
YUV	137.1070, 48.2612, 13.9382
Hunter-Lab	48.9105, 37.4257, -64.4832

Details

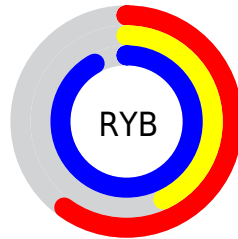
The Hex color **996EEB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C0EB6E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D3A3FF**, and **613CB2** is the 20% darker color. If you saturate the color by 10%, you get **8A57EB**, and if you desaturate by 10%, it is **A886EB**.

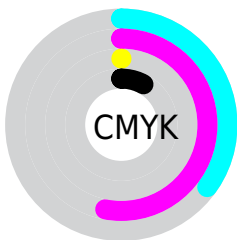
Distribution



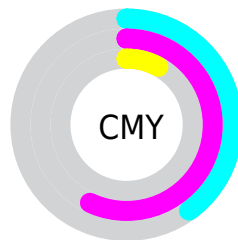
- Red (60%)
- Green (43%)
- Blue (92%)



- Red (60%)
- Yellow (43%)
- Blue (92%)



- Cyan (35%)
- Magenta (53%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (57%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 996EEB 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 996EEB by changing the saturation by 10% instead.

 996EEB

 996EEB

FFFFFF

 7D55CE

 D3A3FF

 613CB2

 F0BEFF

 442497

 FFDAFF

 250B7D

 FFF7FF

 000063

 00004A

 000432

 00021C

 000000

996EEB

996EEB

8A57EB

A886EB

7A3FEB

B89DEB

6B28EB

C7B5EB

5B10EB

D7CCEB

5100EB

E6E3EB

F5FBEB

FFFFEB

Harmonies

Analogous

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



0089FF



996EEB



DB4DB8

Triad

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



996EEB



C77100



00A294

Complementary

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



996EEB



C0EB6E

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.



009F53



996EEB



948800

Square

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



996EEB



EA523E



509707



00A1D1

Rectangle

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



996EEB



F03E8F



509707



00A17E

Sweetspot

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



996EEB



E4D6FF



6EC1EB



706780



000000



808080

Same Dimension

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



996EEB



945CFF



D66EEB



6E6A75



3E00B5



120036

Inverse Universe

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



EB6EC0



FF5CC7



83EB6E



756A71



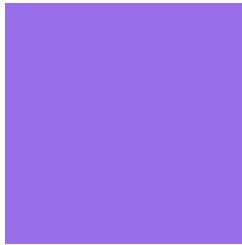
B50077



360023

Previews

White Background



This preview shows how the Hex color 996EEB looks on a white background.

Color Contrast Check

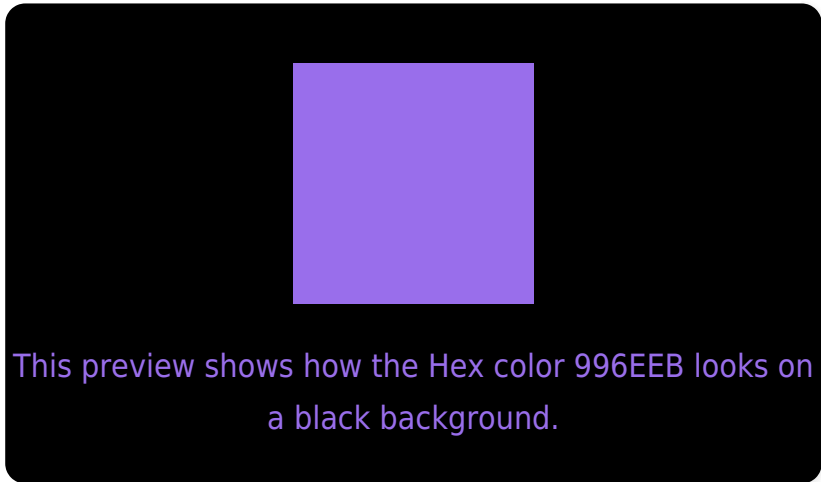
Large Text (above 18pt) WCAG AA ✓ Pass

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

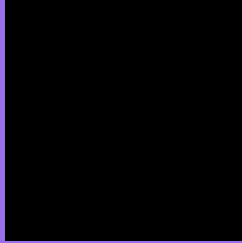
Any Text WCAG AA ✓ Pass

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 996EEB Background



This preview shows how black text looks on a background with the Hex color 996EEB.

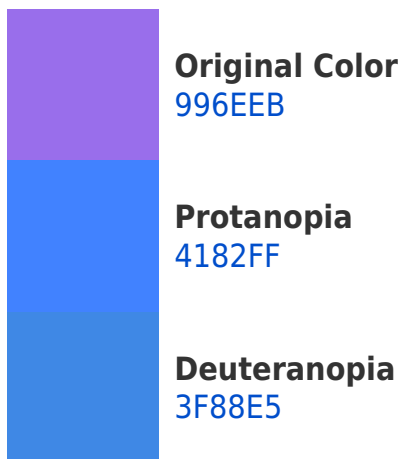


This preview shows how white text looks on a background with the Hex color 996EEB.

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](#).

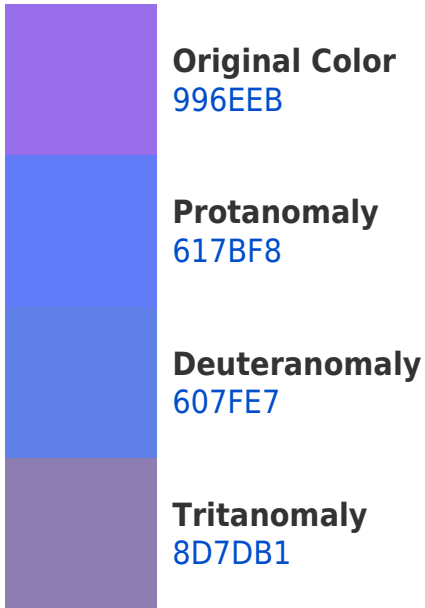
Dichromacy



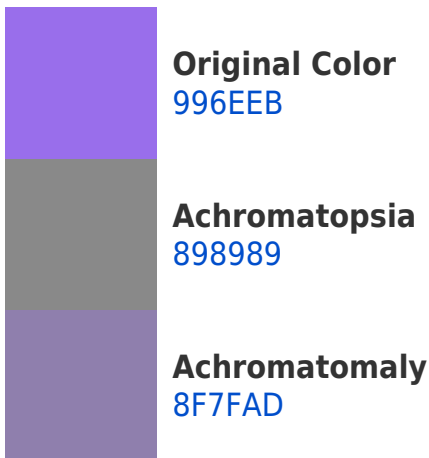


Tritanopia
868590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 996EEB 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 #996EEB looks like.

```
.text, #text, p{  
    color:#996EEB  
}
```

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 #996EEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #996EEB
}
```

Border

The CSS property to change the border of an element to Hex 996EEB is called "border". The border property can be set on classes, ids or directly on the HTML element.

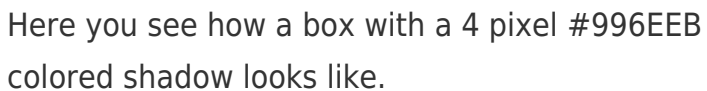
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#996EEB }
```

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

```
.border{ border-color:#996EEB }
```

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



Here you see how a box with a 4 pixel #996EEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #996EEB; -webkit-box-shadow:4px 4px  
4px 4px #996EEB; box-shadow:4px 4px 4px  
4px #996EEB }
```

Background

The CSS property to change the background color of an element to Hex 996EEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#996EEB }
```

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

```
.background{ background-color:#996EEB }
```

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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