

Converting Colors

Hex(996EB1)

Have a look what the booklet for
Hex(996EB1) contains.

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Color

Hex(996EB1)

Conversions

Conversions Part 1

Format	Color
Hex	996EB1
RGB	153, 110, 177
RGB Percent	60%, 43%, 69%
CMY	0.4000, 0.5686, 0.3059
CMYK	0.14, 0.38, 0.00, 0.31
HSL	279°, 30%, 56%
HSV	279°, 38%, 69%
XYZ	26.6486, 21.0985, 44.2629
YIQ	130.4950, 4.1210, 29.9530

Conversions

Conversions Part 2

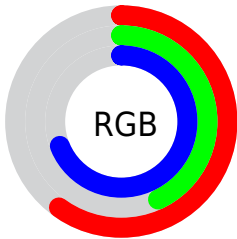
Format	Color
R _Y B	153, 110, 177
Decimal	10055345
CIE Lab	53.06, 29.59, -29.09
CIE LCh	53, 41.498, 315.487
Yxy	21.0985, 0.2896, 0.2293
Android (android.graphics.Color)	4288245425 (0xFF996EB1)
YUV	130.4950, 22.9270, 19.7369
Hunter-Lab	45.9331, 23.1759, -24.9809

Details

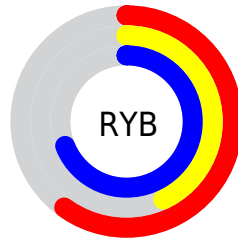
The Hex color **996EB1** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **86B16E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D0A2E9**, and **653D7C** is the 20% darker color. If you saturate the color by 10%, you get **935CB1**, and if you desaturate by 10%, it is **9F80B1**.

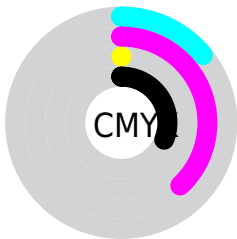
Distribution



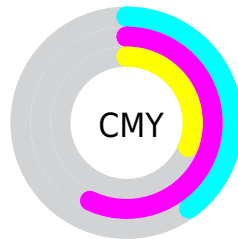
- Red (60%)
- Green (43%)
- Blue (69%)



- Red (60%)
- Yellow (43%)
- Blue (69%)



- Cyan (14%)
- Magenta (38%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (57%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 996EB1 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 996EB1 by changing the saturation by 10% instead.

996EB1

996EB1

FFFFFF

7E5596

D0A2E9

653D7C

EDBEFF

4C2663

FFDAFF

330F4B

FFF6FF

1E0034

00021E

000000

996EB1

996EB1

935CB1

9F80B1

8C4BB1

A691B1

8639B1

ACA3B1

8027B1

B2B5B1

7916B1

B9C7B1

7304B1

BFD8B1

7200B1

C5EAB1

CCFCB1

D2FFB1

Harmonies

Analogous

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



647CC3



996EB1



B86392

Triad

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



996EB1



A27738



009191

Complementary

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



996EB1



86B16E

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.



18906C



996EB1



828337

Square

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



996EB1



B96A4D



598B4B



008EB1

Rectangle

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



996EB1



C16079



598B4B



009184

Sweetspot

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



996EB1



DCCCE6



6E87B1



6D6473



F2F2F2



737373

Same Dimension

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



996EB1



C17EE6



B16EA8



565059



620099



10001A

Inverse Universe

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



B16E86



E67EA3



6EB177



595054



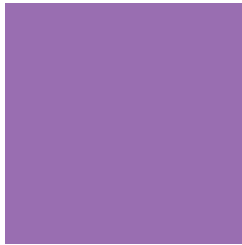
990037



1A0009

Previews

White Background



This preview shows how the Hex color 996EB1 looks on a white background.

Color Contrast Check

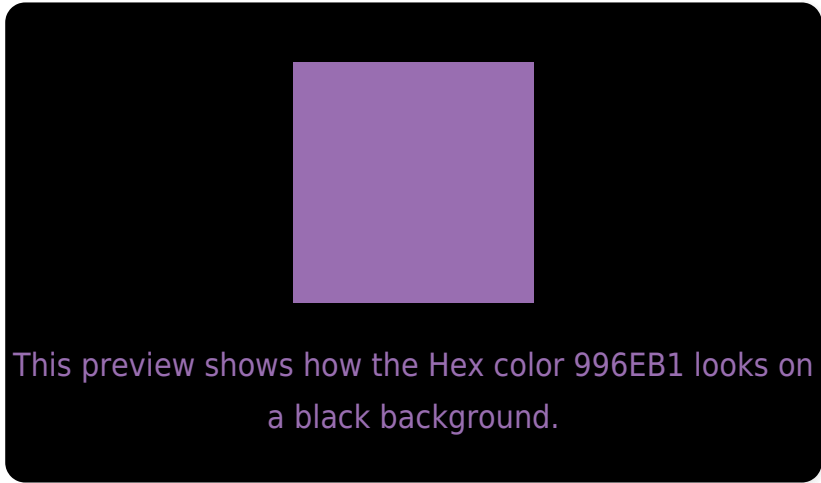
Large Text (above 18pt) WCAG AA ✓ Pass

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

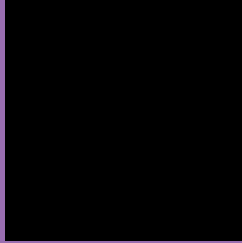
Any Text WCAG AA ✓ Pass

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 996EB1 Background



This preview shows how black text looks on a background with the Hex color 996EB1.

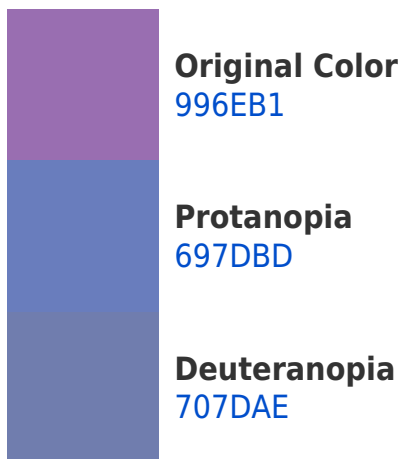


This preview shows how white text looks on a background with the Hex color 996EB1.

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
927881

Trichromacy



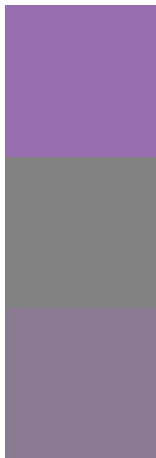
Original Color
996EB1

Protanomaly
7A78B9

Deuteranomaly
7F78AF

Tritanomaly
957492

Monochromacy



Original Color
996EB1

Achromatopsia
828282

Achromatomaly
8A7B93

CSS Examples

Text

The CSS property to change the color of the text to Hex 996EB1 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 #996EB1 looks like.

```
.text, #text, p{  
    color:#996EB1  
}
```

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 #996EB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #996EB1
}
```

Border

The CSS property to change the border of an element to Hex 996EB1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

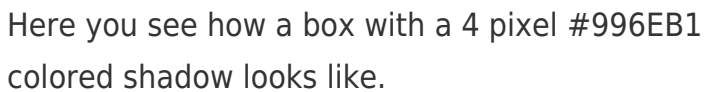
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#996EB1 }
```

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

```
.border{ border-color:#996EB1 }
```

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



Here you see how a box with a 4 pixel #996EB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #996EB1; -webkit-box-shadow:4px 4px  
4px 4px #996EB1; box-shadow:4px 4px 4px  
4px #996EB1 }
```

Background

The CSS property to change the background color of an element to Hex 996EB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#996EB1 }
```

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

```
.background{ background-color:#996EB1 }
```

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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