

Converting Colors

Hex(8766BB)

Have a look what the booklet for
Hex(8766BB) contains.

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Color

Hex(8766BB)

Conversions

Conversions Part 1

Format	Color
Hex	8766BB
RGB	135, 102, 187
RGB Percent	53%, 40%, 73%
CMY	0.4706, 0.6000, 0.2667
CMYK	0.28, 0.45, 0.00, 0.27
HSL	263°, 38%, 57%
HSV	263°, 45%, 73%
XYZ	23.7127, 18.2415, 49.2849
YIQ	121.5570, -7.6170, 33.4310

Conversions

Conversions Part 2

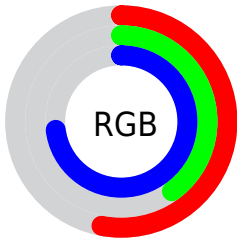
Format	Color
RYB	135, 102, 187
Decimal	8873659
CIELab	49.79, 31.20, -40.13
CIElCh	50, 50.832, 307.857
Yxy	18.2415, 0.2599, 0.1999
Android (android.graphics.Color)	4287063739 (0xFF8766BB)
YUV	121.5570, 32.2634, 11.7895
Hunter-Lab	42.7101, 24.3608, -38.5201

Details

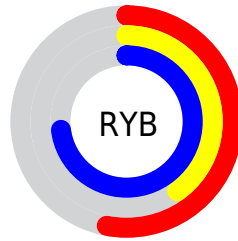
The Hex color **8766BB** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **9ABB66**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BE9AF4**, and **523685** is the 20% darker color. If you saturate the color by 10%, you get **7C53BB**, and if you desaturate by 10%, it is **9279BB**.

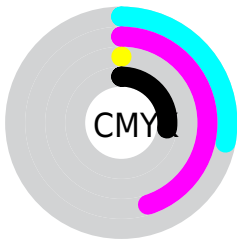
Distribution



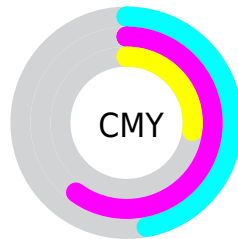
- Red (53%)
- Green (40%)
- Blue (73%)



- Red (53%)
- Yellow (40%)
- Blue (73%)



- Cyan (28%)
- Magenta (45%)
- Yellow (0%)
- Black (27%)



- Cyan (47%)
- Magenta (60%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8766BB 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 8766BB by changing the saturation by 10% instead.

■ 8766BB

■ 8766BB

FFFFFF

■ 6C4EA0

■ BE9AF4

■ 523685

■ DBB5FF

■ 391F6C

■ F8D0FF

■ 1E0953

■ FFEDFF

■ 0B003B

■ 000225

■ 00010D

■ 000000

■ 8766BB

■ 8766BB

 7C53BB

 9279BB

 7041BB

 9E8BBB

 652EBB

 A99EBB

 591BBB

 B5B1BB

 4E09BB

 C0C4BB

 4900BB

 CCD6BB

 D7E9BB

 E3FCBB

 EEFFBB

Harmonies

Analogous

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



2C78CC



8766BB



B35498

Triad

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



8766BB



A66823



008B81

Complementary

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



8766BB



9ABB66

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.



008954



8766BB



827816

Square

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



8766BB



BE5744



54832D



008AAA

Rectangle

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



8766BB



C24E7B



54832D



008B72

Sweetspot

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



8766BB



DED0F2



669ABB



6E667A



FAFAFA



7A7A7A

Same Dimension

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



8766BB



A16DF2



B166BB



59555E



3D009E



0C001F

Inverse Universe

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



BB669A



F26DBF



70BB66



5E555B



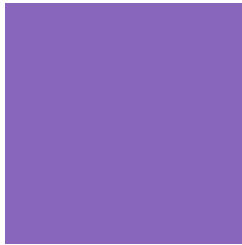
9E0061



1F0013

Previews

White Background



This preview shows how the Hex color 8766BB looks on a white background.

Color Contrast Check

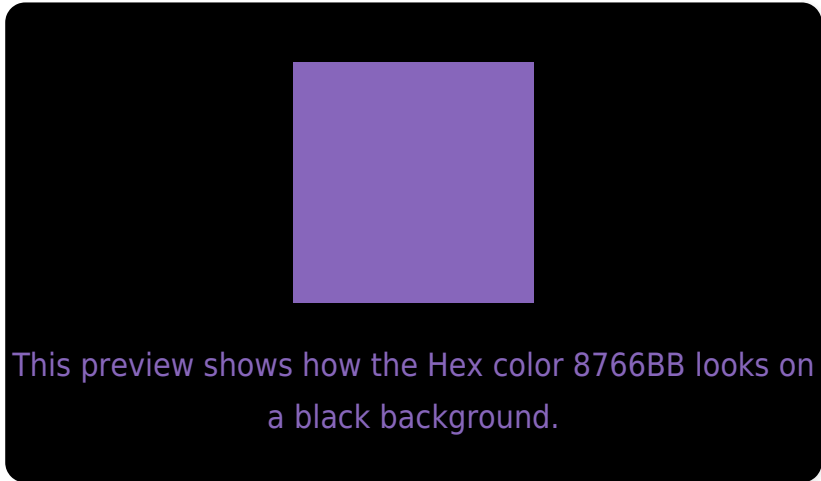
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × 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 8766BB Background



This preview shows how black text looks on a background with the Hex color 8766BB.

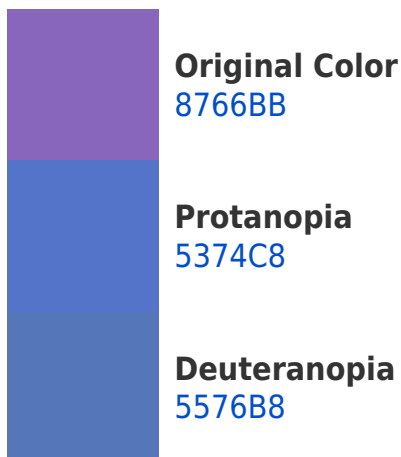


This preview shows how white text looks on a background with the Hex color 8766BB.

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
7B747D

Trichromacy



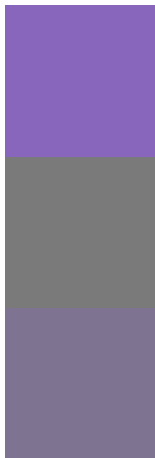
Original Color
8766BB

Protanomaly
666FC3

Deuteranomaly
6770B9

Tritanomaly
7F6F94

Monochromacy



Original Color
8766BB

Achromatopsia
7A7A7A

Achromatomaly
7F7392

CSS Examples

Text

The CSS property to change the color of the text to Hex 8766BB 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 #8766BB looks like.

```
.text, #text, p{  
    color:#8766BB  
}
```

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 #8766BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8766BB
}
```

Border

The CSS property to change the border of an element to Hex 8766BB 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".

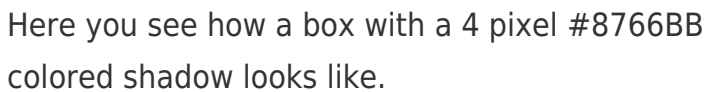
```
.border, #border, table{ border:4px solid
#8766BB }
```

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

```
.border{ border-color:#8766BB }
```

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

Here you see how a box with a 4 pixel #8766BB colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8766BB; -webkit-box-shadow:4px 4px  
4px 4px #8766BB; box-shadow:4px 4px 4px  
4px #8766BB }
```

Background

The CSS property to change the background color of an element to Hex 8766BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8766BB }
```

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

```
.background{ background-color:#8766BB }
```

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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