

Converting Colors

Hex(8A6685)

Have a look what the booklet for
Hex(8A6685) contains.

Hex(8A6685)	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(8A6685)

Conversions

Conversions Part 1

Format	Color
Hex	8A6685
RGB	138, 102, 133
RGB Percent	54%, 40%, 52%
CMY	0.4588, 0.6000, 0.4784
CMYK	0.00, 0.26, 0.04, 0.46
HSL	308°, 15%, 47%
HSV	308°, 26%, 54%
XYZ	19.4662, 16.5995, 24.3683
YIQ	116.2980, 11.5050, 17.2730

Conversions

Conversions Part 2

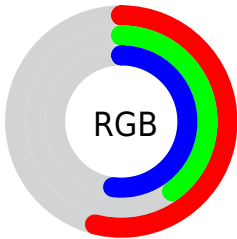
Format	Color
R_{YB}	138, 102, 133
Decimal	9070213
CIE _{Lab}	47.75, 19.94, -11.51
CIE _{LCh}	48, 23.020, 329.995
Yxy	16.5995, 0.3221, 0.2747
Android (android.graphics.Color)	4287260293 (0xFF8A6685)
YUV	116.2980, 8.2341, 19.0327
Hunter-Lab	40.7424, 13.9858, -6.9420

Details

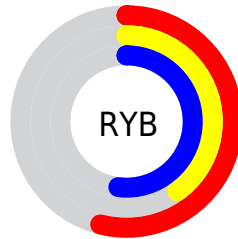
The Hex color **8A6685** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **668A6B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C099BA**, and **573753** is the 20% darker color. If you saturate the color by 10%, you get **8A5883**, and if you desaturate by 10%, it is **8A7487**.

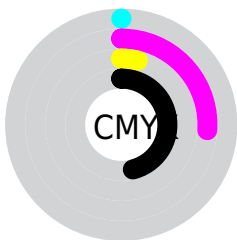
Distribution



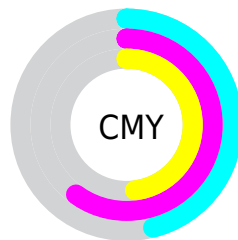
- Red (54%)
- Green (40%)
- Blue (52%)



- Red (54%)
- Yellow (40%)
- Blue (52%)



- Cyan (0%)
- Magenta (26%)
- Yellow (4%)
- Black (46%)



- Cyan (46%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A6685 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 8A6685 by changing the saturation by 10% instead.

8A6685

8A6685

FFFFFF

704E6C

C099BA

573753

DCB4D6

40203C

F9D0F2

290B26

FFECFF

110011

000000

8A6685

8A6685

8A5883

8A7487

8A4A81

8A8289

8A3D7F

8A8F8B

8A2F7D

8A9D8D

8A217B

8AAB8F

8A137A

8AB990

8A0578

8AC792

8A0077

8AD494

8AE296

Harmonies

Analogous

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



746C93



8A6685



966372

Triad

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



8A6685



7F704A



317B84

Complementary

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



8A6685



668A6B

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.



3E7C71



8A6685



6A764F

Square

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



8A6685



8F6950



547A5D



3D7892

Rectangle

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



8A6685



986365



547A5D



347C7E

Sweetspot

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



8A6685



B3A4B1



6B668A



595058



D9D9D9



595959

Same Dimension

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



8A6685



B37BAB



8A6673



453E44



850072



050004

Inverse Universe

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



8A6685



B37BAB



668A7D



453E44



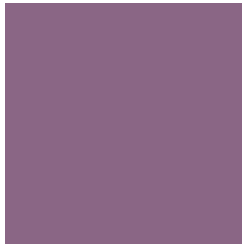
850072



050004

Previews

White Background



This preview shows how the Hex color 8A6685 looks on a white background.

Color Contrast Check

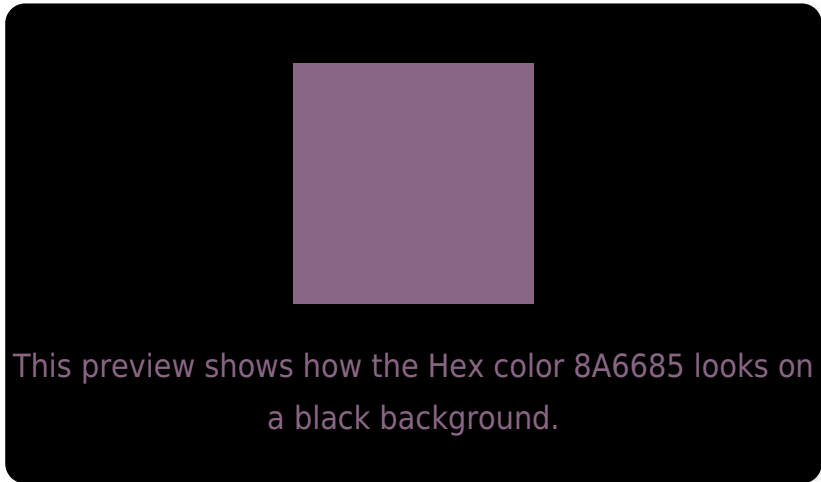
Large Text (above 18pt) WCAG AA ✓ Pass

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

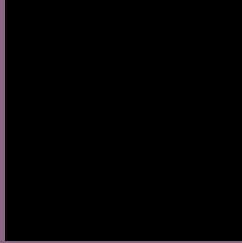
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8A6685 Background



This preview shows how black text looks on a background with the Hex color 8A6685.



This preview shows how white text looks on a background with the Hex color 8A6685.

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



Original Color
8A6685

Protanopia
6B708C

Deuteranopia
746F83



Tritanopia
876A72

Trichromacy



Original Color
8A6685

Protanomaly
766C89

Deuteranomaly
7C6C84

Tritanomaly
886979

Monochromacy



Original Color
8A6685

Achromatopsia
747474

Achromatomaly
7C6F7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A6685 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 #8A6685 looks like.

```
.text, #text, p{  
    color:#8A6685  
}
```

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 #8A6685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A6685
}
```

Border

The CSS property to change the border of an element to Hex 8A6685 is called "border". The border property can be set on classes, ids or directly on the HTML element.

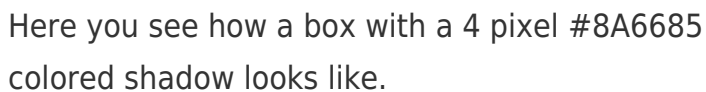
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A6685 }
```

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

```
.border{ border-color:#8A6685 }
```

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



Here you see how a box with a 4 pixel #8A6685 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A6685; -webkit-box-shadow:4px 4px  
4px 4px #8A6685; box-shadow:4px 4px 4px  
4px #8A6685 }
```

Background

The CSS property to change the background color of an element to Hex 8A6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A6685 }
```

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

```
.background{ background-color:#8A6685 }
```

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