

Converting Colors

Hex(83566A)

Have a look what the booklet for
Hex(83566A) contains.

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Color

Hex(83566A)

Conversions

Conversions Part 1

Format	Color
Hex	83566A
RGB	131, 86, 106
RGB Percent	51%, 34%, 42%
CMY	0.4863, 0.6627, 0.5843
CMYK	0.00, 0.34, 0.19, 0.49
HSL	333°, 21%, 43%
HSV	333°, 34%, 51%
XYZ	15.2894, 12.5215, 15.2467
YIQ	101.7350, 20.4000, 15.7600

Conversions

Conversions Part 2

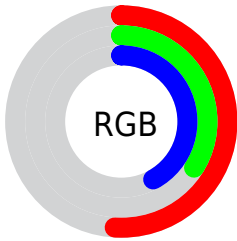
Format	Color
R_{YB}	131, 86, 106
Decimal	8607338
CIE _{Lab}	42.03, 21.78, -3.80
CIE _{LCh}	42, 22.114, 350.106
Yxy	12.5215, 0.3551, 0.2908
Android (android.graphics.Color)	4286797418 (0xFF83566A)
YUV	101.7350, 2.1026, 25.6654
Hunter-Lab	35.3857, 15.2009, -0.7764

Details

The Hex color **83566A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **56836F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B9889D**, and **50283B** is the 20% darker color. If you saturate the color by 10%, you get **834963**, and if you desaturate by 10%, it is **836371**.

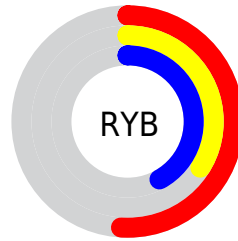
Distribution



Red (51%)

Green (34%)

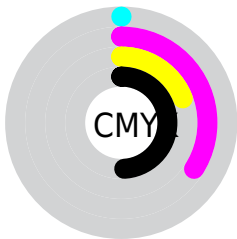
Blue (42%)



Red (51%)

Yellow (34%)

Blue (42%)

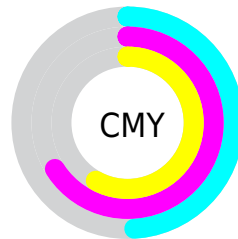


Cyan (0%)

Magenta (34%)

Yellow (19%)

Black (49%)



Cyan (49%)

Magenta (66%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83566A 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 83566A by changing the saturation by 10% instead.



83566A



83566A

FFFFFF



693E52



B9889D



50283B



D5A3B8



381225



F1BED4



250010



FFDAF0



000000



FFF7FF



83566A



83566A



834963



836371



833C5B



837079

832F54

837D80

83224D

838A87

831546

83978E

83073E

83A596

83003A

83B29D

83BFA4

83CCAB

Harmonies

Analogous

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



745A7B



83566A



875658

Triad

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



83566A



636641



296B7F

Complementary

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



83566A



56836F

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.



276D6F



83566A



4E6A4B

Square

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



83566A



75603F



396D5C



416787

Rectangle

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



83566A



85584D



396D5C



256C7A

Sweetspot

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



83566A



AB9AA1



6F5683



574C51



D6D6D6



575757

Same Dimension

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



83566A



AB6584



835856



423C3F



82003A



030001

Inverse Universe

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



83566A



AB6584



568183



423C3F



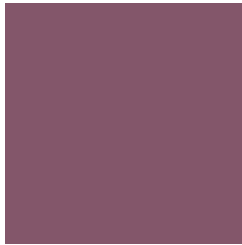
82003A



030001

Previews

White Background



This preview shows how the Hex color 83566A looks on a white background.

Color Contrast Check

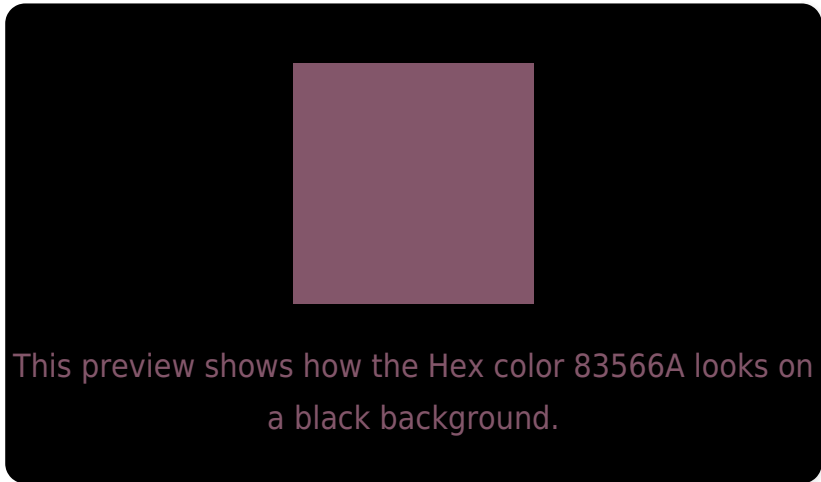
Large Text (above 18pt) WCAG AA ✓ Pass

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

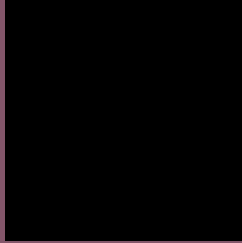
Any Text WCAG AA × Fail

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 83566A Background



This preview shows how black text looks on a background with the Hex color 83566A.



This preview shows how white text looks on a background with the Hex color 83566A.

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
83566A

Protanopia
616372

Deuteranopia
6B6168



Tritanopia
82585F

Trichromacy



Original Color
83566A

Protanomaly
6D5E6F

Deuteranomaly
745D69

Tritanomaly
825763

Monochromacy



Original Color
83566A

Achromatopsia
666666

Achromatomaly
716067

CSS Examples

Text

The CSS property to change the color of the text to Hex 83566A 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 #83566A looks like.

```
.text, #text, p{  
    color:#83566A  
}
```

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 #83566A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83566A
}
```

Border

The CSS property to change the border of an element to Hex 83566A is called "border". The border property can be set on classes, ids or directly on the HTML element.

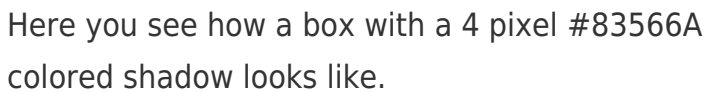
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83566A }
```

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

```
.border{ border-color:#83566A }
```

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



Here you see how a box with a 4 pixel #83566A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83566A; -webkit-box-shadow:4px 4px  
4px 4px #83566A; box-shadow:4px 4px 4px  
4px #83566A }
```

Background

The CSS property to change the background color of an element to Hex 83566A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83566A }
```

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

```
.background{ background-color:#83566A }
```

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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