

Converting Colors

Hex(83466A)

Have a look what the booklet for
Hex(83466A) contains.

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Color

Hex(83466A)

Conversions

Conversions Part 1

Format	Color
Hex	83466A
RGB	131, 70, 106
RGB Percent	51%, 27%, 42%
CMY	0.4863, 0.7255, 0.5843
CMYK	0.00, 0.47, 0.19, 0.49
HSL	325°, 30%, 39%
HSV	325°, 47%, 51%
XYZ	14.1518, 10.2462, 14.8675
YIQ	92.3430, 24.8000, 24.1280

Conversions

Conversions Part 2

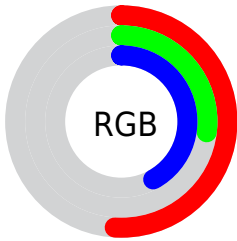
Format	Color
R_{YB}	131, 70, 106
Decimal	8603242
CIE _{Lab}	38.28, 31.04, -9.40
CIE _{LCh}	38, 32.433, 343.150
Yxy	10.2462, 0.3604, 0.2609
Android (android.graphics.Color)	4286793322 (0xFF83466A)
YUV	92.3430, 6.7329, 33.9022
Hunter-Lab	32.0097, 22.8993, -5.1315

Details

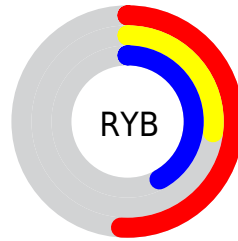
The Hex color **83466A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **46835F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B9789D**, and **50163B** is the 20% darker color. If you saturate the color by 10%, you get **833965**, and if you desaturate by 10%, it is **83536F**.

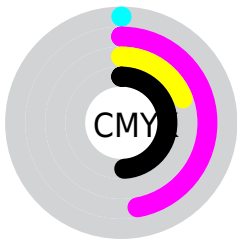
Distribution



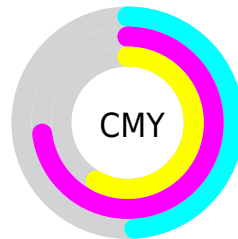
- Red (51%)
- Green (27%)
- Blue (42%)



- Red (51%)
- Yellow (27%)
- Blue (42%)



- Cyan (0%)
- Magenta (47%)
- Yellow (19%)
- Black (49%)



- Cyan (49%)
- Magenta (73%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83466A 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 83466A by changing the saturation by 10% instead.



83466A



83466A

FFFFFF



692E52



B9789D



50163B



D692B8



370025



F2ADD4



230010



FFC9F0



000000



FFE5FF



83466A



83466A



833965



83536F



832C5F



836075

 831F5A

 836D7A

 831255

 837A7F

 83054F

 838885

 83004D

 83958A

 83A290

 83AF95

 83BC9A

Harmonies

Analogous

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



6B4F81



83466A



8C4450

Triad

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



83466A



5E5C25



00667D

Complementary

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



83466A



46835F

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.



006765



83466A



416332

Square

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



83466A



765327



16664A



00618C

Rectangle

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



83466A



89473F



16664A



006776

Sweetspot

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



83466A



AB93A1



5E4683



574851



D6D6D6



575757

Same Dimension

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



83466A



AB4B84



83464C



423C40



82004D



030002

Inverse Universe

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



83466A



AB4B84



46837D



423C40



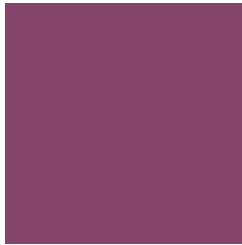
82004D



030002

Previews

White Background



This preview shows how the Hex color 83466A looks on a white background.

Color Contrast Check

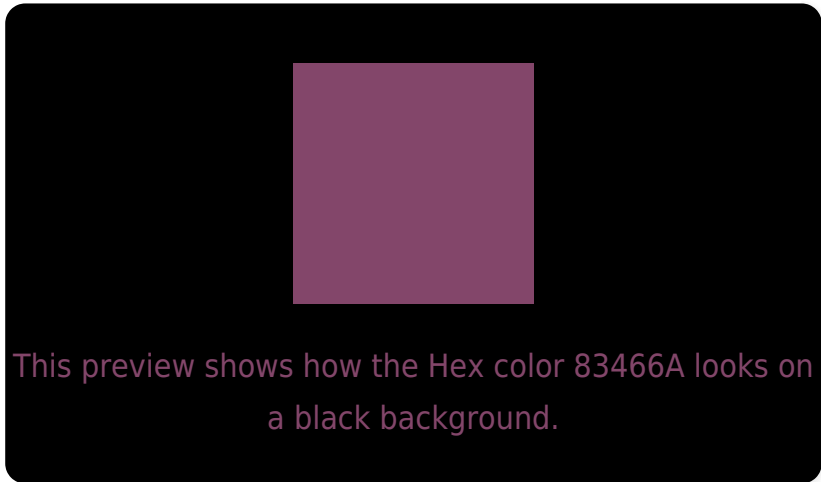
Large Text (above 18pt) WCAG AA ✓ Pass

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

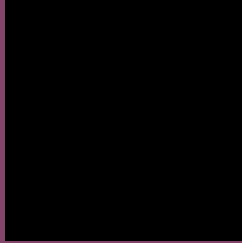
Any Text WCAG AA × Fail

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 83466A Background



This preview shows how black text looks on a background with the Hex color 83466A.

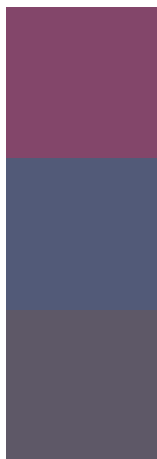


This preview shows how white text looks on a background with the Hex color 83466A.

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
83466A

Protanopia
525A78

Deuteranopia
5E5867



Tritanopia
804B51

Trichromacy



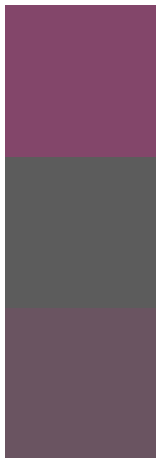
Original Color
83466A

Protanomaly
645373

Deuteranomaly
6B5168

Tritanomaly
81495A

Monochromacy



Original Color
83466A

Achromatopsia
5C5C5C

Achromatomaly
6A5461

CSS Examples

Text

The CSS property to change the color of the text to Hex 83466A 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 #83466A looks like.

```
.text, #text, p{  
    color:#83466A  
}
```

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 #83466A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83466A
}
```

Border

The CSS property to change the border of an element to Hex 83466A is called "border". The border property can be set on classes, ids or directly on the HTML element.

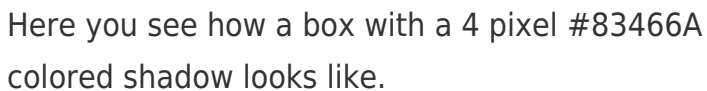
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83466A }
```

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

```
.border{ border-color:#83466A }
```

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



Here you see how a box with a 4 pixel #83466A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83466A; -webkit-box-shadow:4px 4px  
4px 4px #83466A; box-shadow:4px 4px 4px  
4px #83466A }
```

Background

The CSS property to change the background color of an element to Hex 83466A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83466A }
```

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

```
.background{ background-color:#83466A }
```

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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