

Converting Colors

Hex(82566B)

Have a look what the booklet for
Hex(82566B) contains.

Hex(82566B)	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(82566B)

Conversions

Conversions Part 1

Format	Color
Hex	82566B
RGB	130, 86, 107
RGB Percent	51%, 34%, 42%
CMY	0.4902, 0.6627, 0.5804
CMYK	0.00, 0.34, 0.18, 0.49
HSL	331°, 20%, 42%
HSV	331°, 34%, 51%
XYZ	15.1876, 12.4629, 15.5150
YIQ	101.5500, 19.4830, 15.8590

Conversions

Conversions Part 2

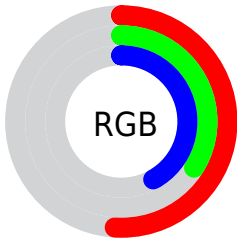
Format	Color
R_{YB}	130, 86, 107
Decimal	8541803
CIE _{Lab}	41.94, 21.57, -4.56
CIE _{LCh}	42, 22.047, 348.059
Yxy	12.4629, 0.3518, 0.2887
Android (android.graphics.Color)	4286731883 (0xFF82566B)
YUV	101.5500, 2.6868, 24.9506
Hunter-Lab	35.3029, 15.0119, -1.3449

Details

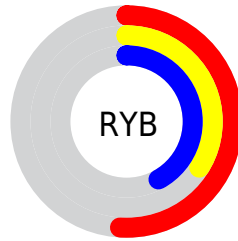
The Hex color **82566B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **56826D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B8889E**, and **50283C** is the 20% darker color. If you saturate the color by 10%, you get **824964**, and if you desaturate by 10%, it is **826372**.

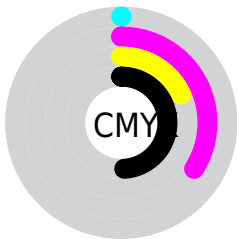
Distribution



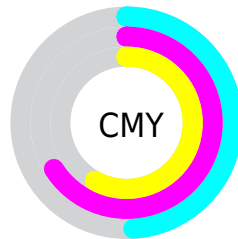
- Red (51%)
- Green (34%)
- Blue (42%)



- Red (51%)
- Yellow (34%)
- Blue (42%)



- Cyan (0%)
- Magenta (34%)
- Yellow (18%)
- Black (49%)



- Cyan (49%)
- Magenta (66%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82566B 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 82566B by changing the saturation by 10% instead.

82566B

82566B

FFFFFF

683E53

B8889E

50283C

D4A3B9

381226

F0BED5

240011

FFDAF1

000000

FFF7FF

82566B

82566B

824964

826372

823C5D

827079

822F57

827D7F

822250

828A86

821549

82978D

820842

82A494

82003E

82B19B

82BEA1

82CBA8

Harmonies

Analogous

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



735A7B



82566B



875659

Triad

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



82566B



646540



286B7D

Complementary

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



82566B



56826D

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.



286D6E



82566B



506A4A

Square

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



82566B



765F40



3A6C5B



3F6786

Rectangle

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



82566B



85584D



3A6C5B



256C79

Sweetspot

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



82566B



A897A0



6D5682



544A4F



D4D4D4



545454

Same Dimension

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



82566B



A86384



825756



40393C



80003D



000000

Inverse Universe

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



82566B



A86384



568182



40393C



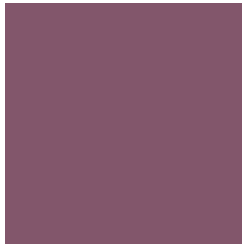
80003D



000000

Previews

White Background



This preview shows how the Hex color 82566B looks on a white background.

Color Contrast Check

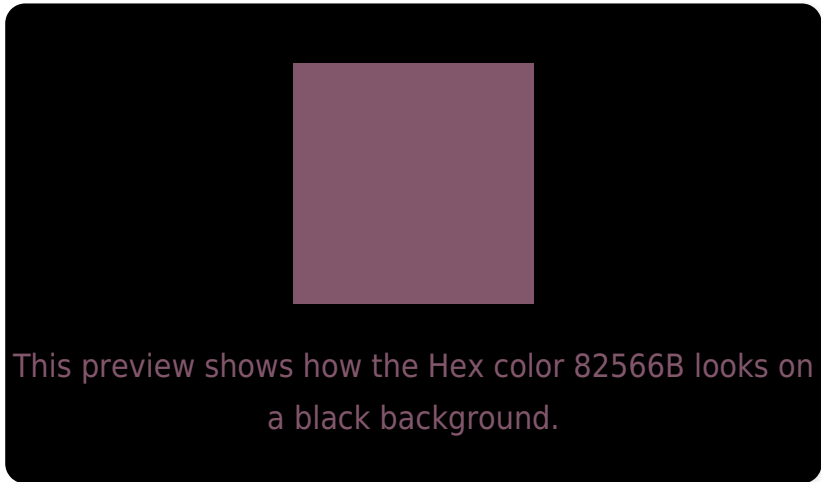
Large Text (above 18pt) WCAG AA ✓ Pass

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

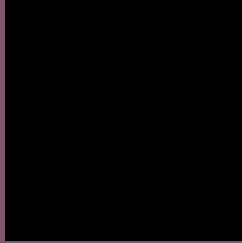
Any Text WCAG AA × Fail

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 82566B Background



This preview shows how black text looks on a background with the Hex color 82566B.



This preview shows how white text looks on a background with the Hex color 82566B.

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
82566B

Protanopia
606373

Deuteranopia
6A6069



Tritanopia
81585F

Trichromacy



Original Color
82566B

Protanomaly
6C5E70

Deuteranomaly
735C6A

Tritanomaly
815763

Monochromacy



Original Color
82566B

Achromatopsia
666666

Achromatomaly
706068

CSS Examples

Text

The CSS property to change the color of the text to Hex 82566B 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 #82566B looks like.

```
.text, #text, p{  
    color:#82566B  
}
```

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 #82566B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82566B
}
```

Border

The CSS property to change the border of an element to Hex 82566B is called "border". The border property can be set on classes, ids or directly on the HTML element.

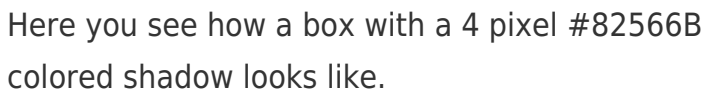
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82566B }
```

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

```
.border{ border-color:#82566B }
```

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



Here you see how a box with a 4 pixel #82566B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82566B; -webkit-box-shadow:4px 4px  
4px 4px #82566B; box-shadow:4px 4px 4px  
4px #82566B }
```

Background

The CSS property to change the background color of an element to Hex 82566B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82566B }
```

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

```
.background{ background-color:#82566B }
```

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