

Converting Colors

Hex(85686C)

Have a look what the booklet for
Hex(85686C) contains.

Hex(85686C)	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(85686C)

Conversions

Conversions Part 1

Format	Color
Hex	85686C
RGB	133, 104, 108
RGB Percent	52%, 41%, 42%
CMY	0.4784, 0.5922, 0.5765
CMYK	0.00, 0.22, 0.19, 0.48
HSL	352°, 12%, 46%
HSV	352°, 22%, 52%
XYZ	17.3300, 15.9699, 16.3565
YIQ	113.1270, 16.0000, 7.3920

Conversions

Conversions Part 2

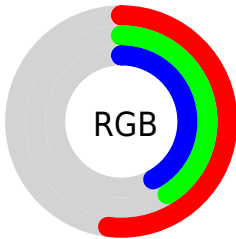
Format	Color
R_{YB}	133, 104, 108
Decimal	8743020
CIE _{Lab}	46.93, 12.25, 2.19
CIE _{LCh}	47, 12.447, 10.137
Yxy	15.9699, 0.3490, 0.3216
Android (android.graphics.Color)	4286933100 (0xFF85686C)
YUV	113.1270, -2.5276, 17.4286
Hunter-Lab	39.9623, 7.4737, 3.7064

Details

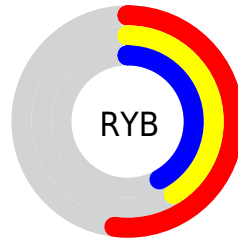
The Hex color **85686C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **688581**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **BB9B9F**, and **53393D** is the 20% darker color. If you saturate the color by 10%, you get **855B61**, and if you desaturate by 10%, it is **857577**.

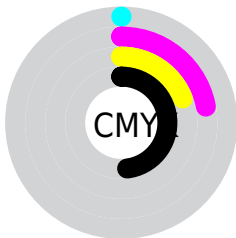
Distribution



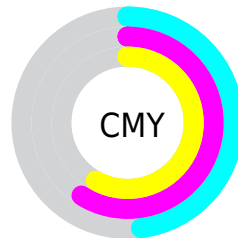
- Red (52%)
- Green (41%)
- Blue (42%)



- Red (52%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (19%)
- Black (48%)



- Cyan (48%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85686C 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 85686C by changing the saturation by 10% instead.

 85686C

 85686C

FFFFFF

 6B5054

 BB9B9F

 53393D

 D6B6BA

 3B2327

 F3D2D6

 250E12

 FFEEF2

 000000

 85686C

 85686C

 855B61

 857577

 854D55

 858383

 85404A

 85908E

 85333E

 859D9A

 852533

 85ABA5

 851827

 85B8B1

 850B1C

 85C5BC

 850012

 85D2C8

 85E0D3

Harmonies

Analogous

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



806977



85686C



846962

Triad

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



85686C



68735F



5C7283

Complementary

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



85686C



688581

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.



54757C



85686C



5D7568

Square

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



85686C



74705B



557573



686F84

Rectangle

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



85686C



806B5D



557573



587381

Sweetspot

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



85686C



ADA1A3



816885



575051



D6D6D6



575757

Same Dimension

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



85686C



AD8087



857268



423C3D



820012



030000

Inverse Universe

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



85686C



AD8087



687B85



423C3D



820012



030000

Previews

White Background



This preview shows how the Hex color 85686C looks on a white background.

Color Contrast Check

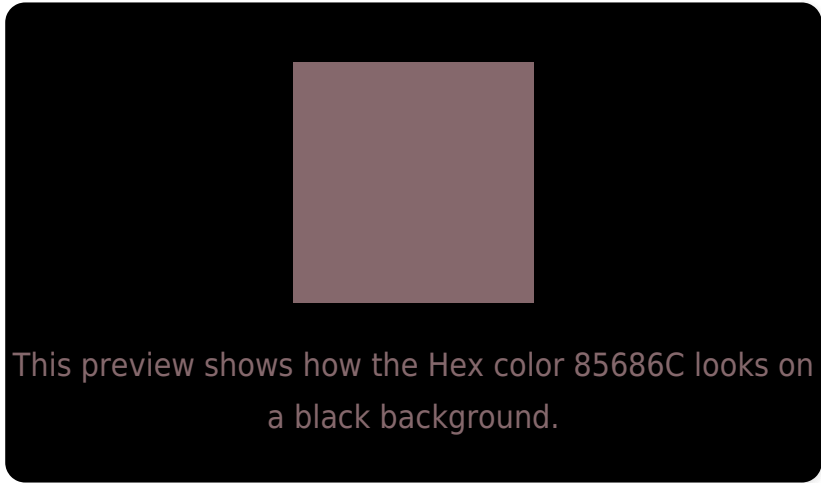
Large Text (above 18pt) WCAG AA ✓ Pass

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

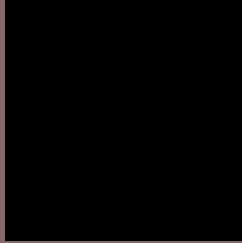
Any Text WCAG AA × Fail

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 85686C Background



This preview shows how black text looks on a background with the Hex color 85686C.



This preview shows how white text looks on a background with the Hex color 85686C.

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
85686C

Protanopia
716F70

Deuteranopia
7C6C6B



Tritanopia
85676F

Trichromacy



Original Color
85686C

Protanomaly
786C6F

Deuteranomaly
7F6B6B

Tritanomaly
85676E

Monochromacy



Original Color
85686C

Achromatopsia
717171

Achromatomaly
786E6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 85686C 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 #85686C looks like.

```
.text, #text, p{  
    color:#85686C  
}
```

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 #85686C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85686C
}
```

Border

The CSS property to change the border of an element to Hex 85686C is called "border". The border property can be set on classes, ids or directly on the HTML element.

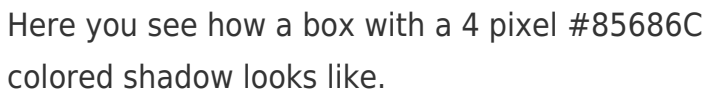
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85686C }
```

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

```
.border{ border-color:#85686C }
```

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



Here you see how a box with a 4 pixel #85686C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85686C; -webkit-box-shadow:4px 4px  
4px 4px #85686C; box-shadow:4px 4px 4px  
4px #85686C }
```

Background

The CSS property to change the background color of an element to Hex 85686C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85686C }
```

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

```
.background{ background-color:#85686C }
```

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