

Converting Colors

Hex(87565B)

Have a look what the booklet for
Hex(87565B) contains.

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Color

Hex(87565B)

Conversions

Conversions Part 1

Format	Color
Hex	87565B
RGB	135, 86, 91
RGB Percent	53%, 34%, 36%
CMY	0.4706, 0.6627, 0.6431
CMYK	0.00, 0.36, 0.33, 0.47
HSL	354°, 22%, 43%
HSV	354°, 36%, 53%
XYZ	15.2078, 12.5618, 11.5207
YIQ	101.2210, 27.5990, 11.9430

Conversions

Conversions Part 2

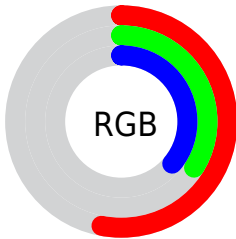
Format	Color
R_{YB}	135, 86, 91
Decimal	8869467
CIE _{Lab}	42.10, 21.03, 5.57
CIE _{LCh}	42, 21.757, 14.832
Yxy	12.5618, 0.3871, 0.3197
Android (android.graphics.Color)	4287059547 (0xFF87565B)
YUV	101.2210, -5.0390, 29.6242
Hunter-Lab	35.4426, 14.5665, 5.5376

Details

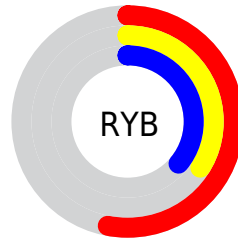
The Hex color **87565B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **568782**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **BE888D**, and **53282D** is the 20% darker color. If you saturate the color by 10%, you get **87494F**, and if you desaturate by 10%, it is **876467**.

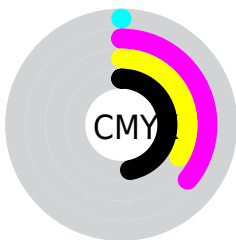
Distribution



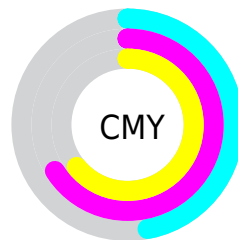
- Red (53%)
- Green (34%)
- Blue (36%)



- Red (53%)
- Yellow (34%)
- Blue (36%)



- Cyan (0%)
- Magenta (36%)
- Yellow (33%)
- Black (47%)



- Cyan (47%)
- Magenta (66%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87565B 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 87565B by changing the saturation by 10% instead.



87565B



87565B

FFFFFF



6D3E44



BE888D



53282D



DAA3A7



3B1219



F7BEC3



270000



FFDADE



000000



FFF7FB



87565B



87565B



87494F



876467



873B43



877173

 872E37

 877F7F

 87202B

 878C8B

 87131E

 879A98

 870512

 87A7A4

 87000E

 87B5B0

 87C2BC

 87D0C8

Harmonies

Analogous

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



81576D



87565B



83594B

Triad

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



87565B



536A49



3D6886

Complementary

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



87565B



568782

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.



296C7C



87565B



3D6D59

Square

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



87565B



676540



2B6D6C



596286

Rectangle

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



87565B



7C5D43



2B6D6C



356983

Sweetspot

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



87565B



B09D9F



815687



594E4F



D9D9D9



595959

Same Dimension

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



87565B



B0636A



876956



423C3C



82000D



030000

Inverse Universe

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



87565B



B0636A



567487



423C3C



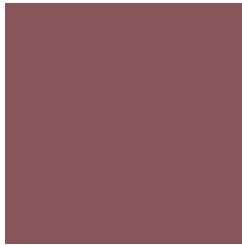
82000D



030000

Previews

White Background



This preview shows how the Hex color 87565B looks on a white background.

Color Contrast Check

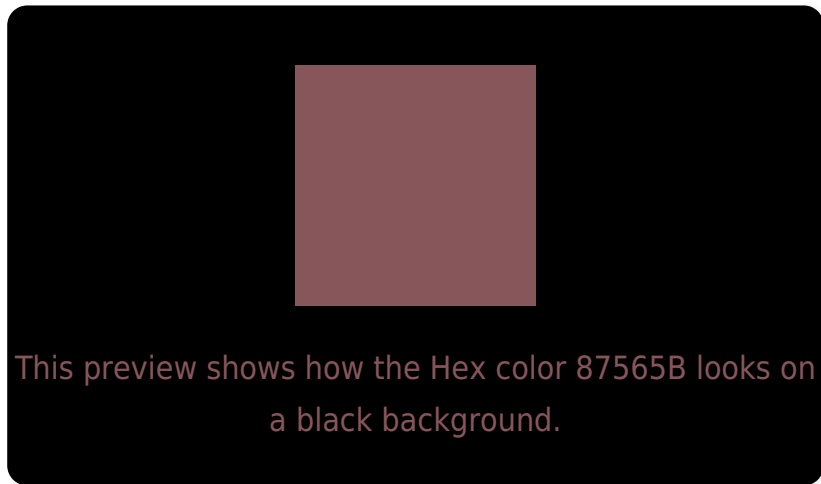
Large Text (above 18pt) WCAG AA ✓ Pass

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 87565B Background



This preview shows how black text looks on a background with the Hex color 87565B.



This preview shows how white text looks on a background with the Hex color 87565B.

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
87565B

Protanopia
666362

Deuteranopia
716059



Tritanopia
87565C

Trichromacy



Original Color
87565B

Protanomaly
725E5F

Deuteranomaly
795C5A

Tritanomaly
87565C

Monochromacy



Original Color
87565B

Achromatopsia
656565

Achromatomaly
716061

CSS Examples

Text

The CSS property to change the color of the text to Hex 87565B 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 #87565B looks like.

```
.text, #text, p{  
    color:#87565B  
}
```

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 #87565B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87565B
}
```

Border

The CSS property to change the border of an element to Hex 87565B is called "border". The border property can be set on classes, ids or directly on the HTML element.

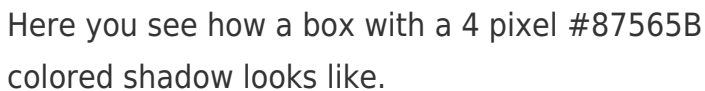
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87565B }
```

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

```
.border{ border-color:#87565B }
```

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



Here you see how a box with a 4 pixel #87565B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87565B; -webkit-box-shadow:4px 4px  
4px 4px #87565B; box-shadow:4px 4px 4px  
4px #87565B }
```

Background

The CSS property to change the background color of an element to Hex 87565B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87565B }
```

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

```
.background{ background-color:#87565B }
```

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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