

Converting Colors

Hex(7B566F)

Have a look what the booklet for
Hex(7B566F) contains.

Hex(7B566F)	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(7B566F)

Conversions

Conversions Part 1

Format	Color
Hex	7B566F
RGB	123, 86, 111
RGB Percent	48%, 34%, 44%
CMY	0.5176, 0.6627, 0.5647
CMYK	0.00, 0.30, 0.10, 0.52
HSL	319°, 18%, 41%
HSV	319°, 30%, 48%
XYZ	14.3654, 12.0142, 16.6008
YIQ	99.9130, 14.0270, 15.6190

Conversions

Conversions Part 2

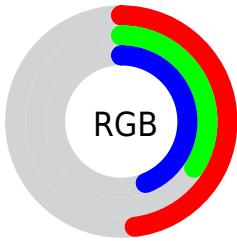
Format	Color
R_{YB}	123, 86, 111
Decimal	8083055
CIE _{Lab}	41.24, 19.62, -8.16
CIE _{LCh}	41, 21.246, 337.422
Yxy	12.0142, 0.3342, 0.2795
Android (android.graphics.Color)	4286273135 (0xFF7B566F)
YUV	99.9130, 5.4659, 20.2473
Hunter-Lab	34.6615, 13.3213, -4.1332

Details

The Hex color **7B566F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **567B62**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B088A3**, and **49283F** is the 20% darker color. If you saturate the color by 10%, you get **7B4A6B**, and if you desaturate by 10%, it is **7B6273**.

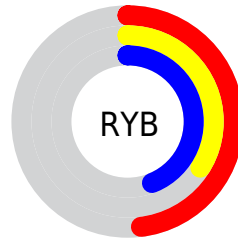
Distribution



Red (48%)

Green (34%)

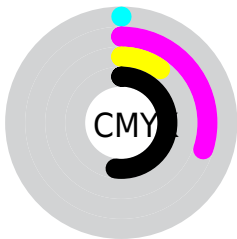
Blue (44%)



Red (48%)

Yellow (34%)

Blue (44%)

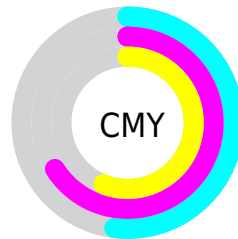


Cyan (0%)

Magenta (30%)

Yellow (10%)

Black (52%)



Cyan (52%)

Magenta (66%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B566F 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 7B566F by changing the saturation by 10% instead.

 7B566F

 7B566F

FFFFFF

 623E57

 B088A3

 49283F

 CCA3BE

 321329

 E8BED9

 1F0015

 FFDAF6

 000000

 FFF6FF

 7B566F

 7B566F

 7B4A6B

 7B6273

 7B3D67

 7B6F77

 7B3163

 7B7B7B

 7B255F

 7B877F

 7B195B

 7B9483

 7B0C57

 7BA087

 7B0053

 7BAC8B

 7BB88F

 7BC593

Harmonies

Analogous

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



695B7D



7B566F



83545D

Triad

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



7B566F



69623E



276A76

Complementary

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



7B566F



567B62

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.



2E6B65



7B566F



566745

Square

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



7B566F



795C41



416A53



366781

Rectangle

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



7B566F



845552



416A53



276A71

Sweetspot

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



7B566F



A1929C



62567B



52494F



D1D1D1



525252

Same Dimension

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



7B566F



A1678E



7B565D



3D373B



7D0054



FC00AB

Inverse Universe

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



7B566F



A1678E



567B74



3D373B



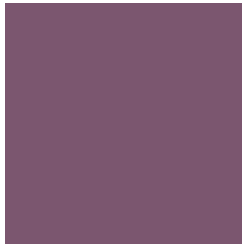
7D0054



FC00AB

Previews

White Background



This preview shows how the Hex color 7B566F looks on a white background.

Color Contrast Check

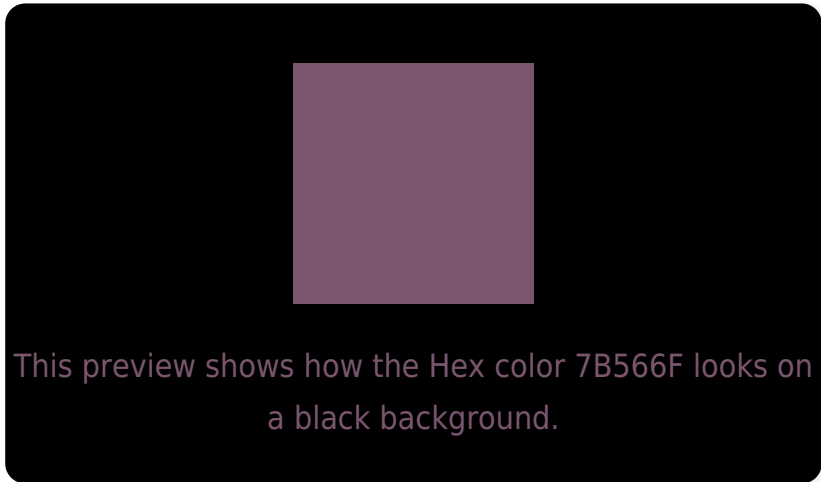
Large Text (above 18pt) WCAG AA ✓ Pass

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

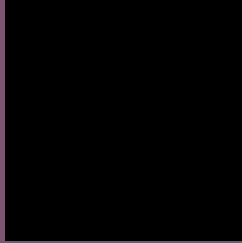
Any Text WCAG AA × Fail

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 7B566F Background



This preview shows how black text looks on a background with the Hex color 7B566F.



This preview shows how white text looks on a background with the Hex color 7B566F.

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
7B566F

Protanopia
5D6176

Deuteranopia
665F6D



Tritanopia
795960

Trichromacy



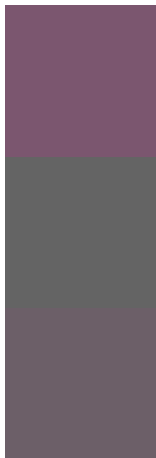
Original Color
7B566F

Protanomaly
685D73

Deuteranomaly
6E5C6E

Tritanomaly
7A5865

Monochromacy



Original Color
7B566F

Achromatopsia
646464

Achromatomaly
6C5F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B566F 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 #7B566F looks like.

```
.text, #text, p{  
    color:#7B566F  
}
```

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 #7B566F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B566F
}
```

Border

The CSS property to change the border of an element to Hex 7B566F is called "border". The border property can be set on classes, ids or directly on the HTML element.

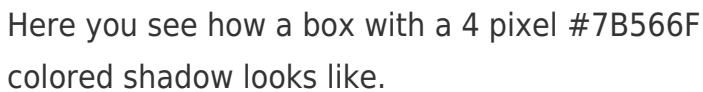
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B566F }
```

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

```
.border{ border-color:#7B566F }
```

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



Here you see how a box with a 4 pixel #7B566F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B566F; -webkit-box-shadow:4px 4px  
4px 4px #7B566F; box-shadow:4px 4px 4px  
4px #7B566F }
```

Background

The CSS property to change the background color of an element to Hex 7B566F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B566F }
```

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

```
.background{ background-color:#7B566F }
```

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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