

Converting Colors

Hex(7E6789)

Have a look what the booklet for
Hex(7E6789) contains.

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Color

Hex(7E6789)

Conversions

Conversions Part 1

Format	Color
Hex	7E6789
RGB	126, 103, 137
RGB Percent	49%, 40%, 54%
CMY	0.5059, 0.5961, 0.4627
CMYK	0.08, 0.25, 0.00, 0.46
HSL	281°, 14%, 47%
HSV	281°, 25%, 54%
XYZ	17.9698, 15.9423, 25.7970
YIQ	113.7530, 2.7940, 15.4500

Conversions

Conversions Part 2

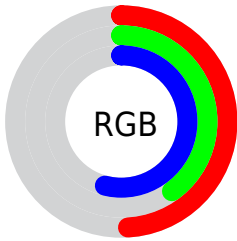
Format	Color
R_{YB}	126, 103, 137
Decimal	8284041
CIE _{Lab}	46.90, 15.86, -15.31
CIE _{LCh}	47, 22.041, 316.004
Yxy	15.9423, 0.3010, 0.2670
Android (android.graphics.Color)	4286474121 (0xFF7E6789)
YUV	113.7530, 11.4608, 10.7406
Hunter-Lab	39.9278, 10.4617, -10.3573

Details

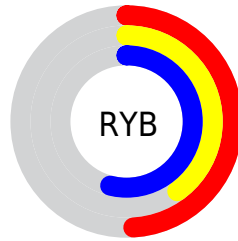
The Hex color **7E6789** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **728967**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B39ABE**, and **4D3857** is the 20% darker color. If you saturate the color by 10%, you get **7A5989**, and if you desaturate by 10%, it is **827589**.

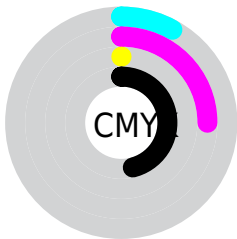
Distribution



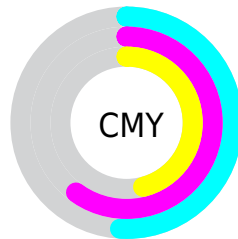
- Red (49%)
- Green (40%)
- Blue (54%)



- Red (49%)
- Yellow (40%)
- Blue (54%)



- Cyan (8%)
- Magenta (25%)
- Yellow (0%)
- Black (46%)



- Cyan (51%)
- Magenta (60%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E6789 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 7E6789 by changing the saturation by 10% instead.

■ 7E6789

■ 7E6789

FFFFFF

■ 654F70

■ B39ABE

■ 4D3857

■ CFB5DA

■ 352240

■ EBD1F7

■ 200D2A

■ FFEDFF

■ 000015

■ 000000

■ 7E6789

■ 7E6789

■ 7A5989

■ 827589

■ 754C89

■ 878289

713E89

8B9089

6C3089

909E89

682389

94AC89

631589

99B989

5F0789

9DC789

5D0089

A1D589

A6E289

Harmonies

Analogous

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



666E93



7E6789



8E6279

Triad

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



7E6789



846B4C



377979

Complementary

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



7E6789



728967

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.



487966



7E6789



72714B

Square

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



7E6789



906555



5D7655



367889

Rectangle

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



7E6789



93616C



5D7655



3B7972

Sweetspot

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



7E6789



AEA6B3



677289



575259



D9D9D9



595959

Same Dimension

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



7E6789



A17DB3



896783



433E45



5A0085



030005

Inverse Universe

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



896772



B37D8E



67896D



453E40



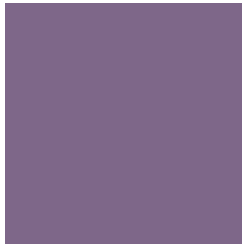
85002B



050002

Previews

White Background



This preview shows how the Hex color 7E6789 looks on a white background.

Color Contrast Check

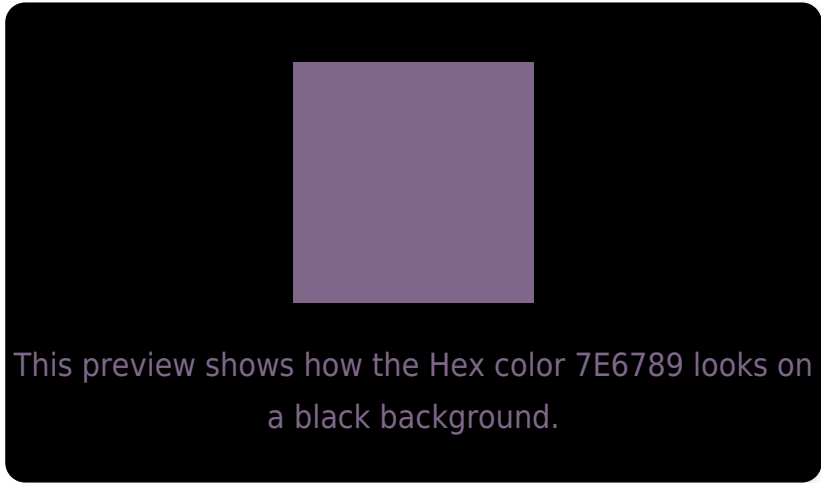
Large Text (above 18pt) WCAG AA ✓ Pass

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

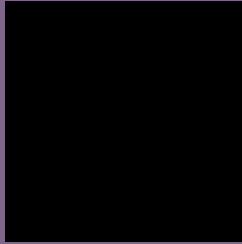
Any Text WCAG AA × Fail

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 7E6789 Background



This preview shows how black text looks on a background with the Hex color 7E6789.



This preview shows how white text looks on a background with the Hex color 7E6789.

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
7E6789

Protanopia
676E8E

Deuteranopia
6E6D88



Tritanopia
7B6B73

Trichromacy



Original Color
7E6789

Protanomaly
6F6B8C

Deuteranomaly
746B88

Tritanomaly
7C6A7B

Monochromacy



Original Color
7E6789

Achromatopsia
727272

Achromatomaly
766E7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E6789 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 #7E6789 looks like.

```
.text, #text, p{  
    color:#7E6789  
}
```

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 #7E6789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E6789
}
```

Border

The CSS property to change the border of an element to Hex 7E6789 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
#7E6789 }
```

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

```
.border{ border-color:#7E6789 }
```

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

Here you see how a box with a 4 pixel #7E6789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E6789; -webkit-box-shadow:4px 4px  
4px 4px #7E6789; box-shadow:4px 4px 4px  
4px #7E6789 }
```

Background

The CSS property to change the background color of an element to Hex 7E6789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E6789 }
```

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

```
.background{ background-color:#7E6789 }
```

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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