

Converting Colors

Hex(76738E)

Have a look what the booklet for
Hex(76738E) contains.

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Color

Hex(76738E)

Conversions

Conversions Part 1

Format	Color
Hex	76738E
RGB	118, 115, 142
RGB Percent	46%, 45%, 56%
CMY	0.5373, 0.5490, 0.4431
CMYK	0.17, 0.19, 0.00, 0.44
HSL	247°, 11%, 50%
HSV	247°, 19%, 56%
XYZ	18.4844, 18.0660, 28.1040
YIQ	118.9750, -6.8790, 9.0330

Conversions

Conversions Part 2

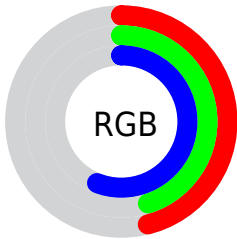
Format	Color
R _Y B	118, 115, 142
Decimal	7762830
CIE Lab	49.58, 7.03, -14.28
CIE LCh	50, 15.915, 296.212
Yxy	18.0660, 0.2859, 0.2794
Android (android.graphics.Color)	4285952910 (0xFF76738E)
YUV	118.9750, 11.3513, -0.8551
Hunter-Lab	42.5041, 3.2448, -9.4501

Details

The Hex color **76738E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B8E73**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AAA7C4**, and **45435C** is the 20% darker color. If you saturate the color by 10%, you get **69658E**, and if you desaturate by 10%, it is **83818E**.

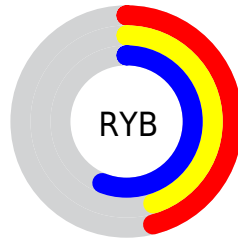
Distribution



Red (46%)

Green (45%)

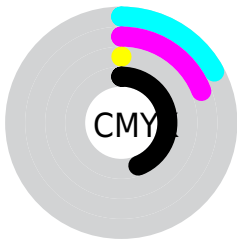
Blue (56%)



Red (46%)

Yellow (45%)

Blue (56%)

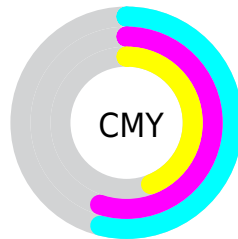


Cyan (17%)

Magenta (19%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76738E 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 76738E by changing the saturation by 10% instead.

■ 76738E

■ 76738E

FFFFFF

■ 5D5A74

■ AAA7C4

■ 45435C

■ C6C2E0

■ 2F2D44

■ E2DEFC

■ 19182E

■ FFFBFF

■ 00001A

■ 000000

■ 76738E

■ 76738E

■ 69658E

■ 83818E

■ 5D578E

■ 8F8F8E

■ 50488E

■ 9C9E8E

■ 443A8E

■ A8AC8E

■ 372C8E

■ B5BA8E

■ 2A1E8E

■ C2C88E

■ 1E108E

■ CED68E

■ 11018E

■ DBE58E

■ 10008E

■ E8F38E

Harmonies

Analogous

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



647890



76738E



866F85

Triad

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



76738E



8D7060



577E74

Complementary

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



76738E



8B8E73

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.



647C66



76738E



82745B

Square

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



76738E



926D6B



73795D



507D81

Rectangle

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



76738E



8D6D7D



73795D



5B7D6F

Sweetspot

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



76738E



AEADB8



738B8E



56555C



DBDBDB



5C5C5C

Same Dimension

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



76738E



928DB8



83738E



414047



0F0087



010008

Inverse Universe

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



8E738B



B88DB3



7E8E73



474047



870078



080007

Previews

White Background



This preview shows how the Hex color 76738E looks on a white background.

Color Contrast Check

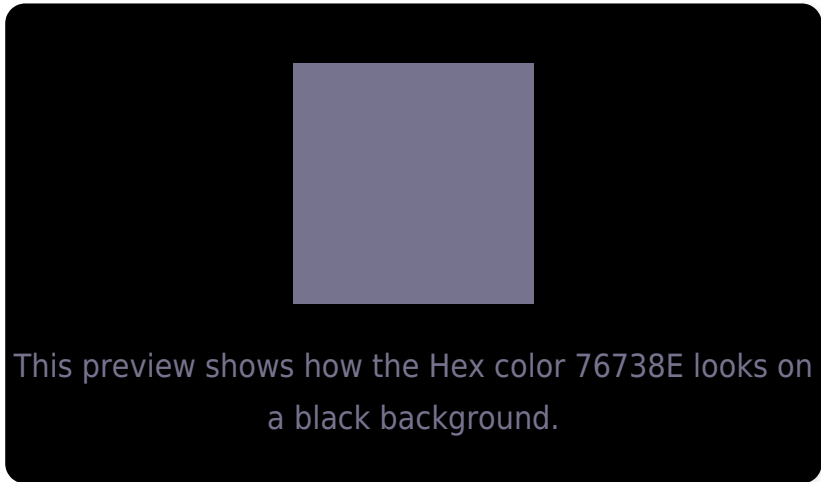
Large Text (above 18pt) WCAG AA ✓ Pass

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

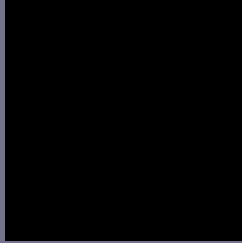
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 76738E Background



This preview shows how black text looks on a background with the Hex color 76738E.



This preview shows how white text looks on a background with the Hex color 76738E.

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


76738E

Protanopia

70758F

Deuteranopia

75738E



Tritanopia
73767F

Trichromacy



Original Color
76738E

Protanomaly
72748F

Deuteranomaly
75738E

Tritanomaly
747584

Monochromacy



Original Color
76738E

Achromatopsia
777777

Achromatomaly
77767F

CSS Examples

Text

The CSS property to change the color of the text to Hex 76738E 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 #76738E looks like.

```
.text, #text, p{  
    color:#76738E  
}
```

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 #76738E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76738E
}
```

Border

The CSS property to change the border of an element to Hex 76738E is called "border". The border property can be set on classes, ids or directly on the HTML element.

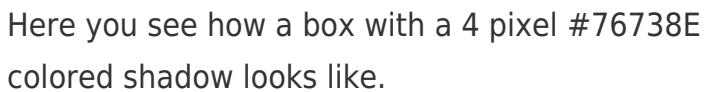
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76738E }
```

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

```
.border{ border-color:#76738E }
```

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



Here you see how a box with a 4 pixel #76738E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76738E; -webkit-box-shadow:4px 4px  
4px 4px #76738E; box-shadow:4px 4px 4px  
4px #76738E }
```

Background

The CSS property to change the background color of an element to Hex 76738E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76738E }
```

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

```
.background{ background-color:#76738E }
```

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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