

Converting Colors

Hex(75778E)

Have a look what the booklet for
Hex(75778E) contains.

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Color

Hex(75778E)

Conversions

Conversions Part 1

Format	Color
Hex	75778E
RGB	117, 119, 142
RGB Percent	46%, 47%, 56%
CMY	0.5412, 0.5333, 0.4431
CMYK	0.18, 0.16, 0.00, 0.44
HSL	235°, 10%, 51%
HSV	235°, 18%, 56%
XYZ	18.8154, 18.9286, 28.2531
YIQ	121.0240, -8.5750, 6.7290

Conversions

Conversions Part 2

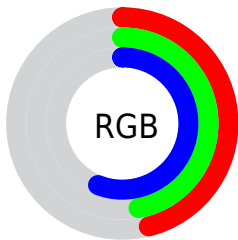
Format	Color
R_{YB}	117, 119, 142
Decimal	7698318
CIE _{Lab}	50.60, 4.32, -12.73
CIE _{LCh}	51, 13.444, 288.742
Yxy	18.9286, 0.2851, 0.2868
Android (android.graphics.Color)	4285888398 (0xFF75778E)
YUV	121.0240, 10.3412, -3.5290
Hunter-Lab	43.5070, 1.0586, -8.0476

Details

The Hex color **75778E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8E8C75**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A9ABC4**, and **44475C** is the 20% darker color. If you saturate the color by 10%, you get **676A8E**, and if you desaturate by 10%, it is **83848E**.

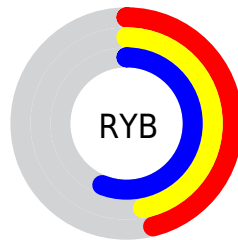
Distribution



Red (46%)

Green (47%)

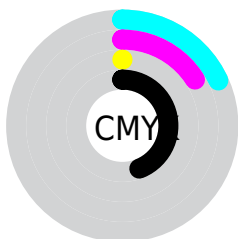
Blue (56%)



Red (46%)

Yellow (47%)

Blue (56%)

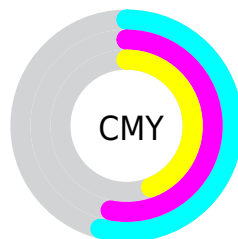


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75778E 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 75778E by changing the saturation by 10% instead.

■ 75778E

■ 75778E

FFFFFF

■ 5C5E74

■ A9ABC4

■ 44475C

■ C5C6E0

■ 2E3044

■ E1E2FC

■ 181C2E

FDFFFF

■ 00001A

■ 000000

■ 75778E

■ 75778E

■ 676A8E

■ 83848E

■ 595D8E

■ 91918E

■ 4A508E

■ A09E8E

■ 3C438E

■ AEAB8E

■ 2E368E

■ BCB88E

■ 20298E

■ CAC58E

■ 121C8E

■ D8D28E

■ 030E8E

■ E7E08E

■ 000B8E

■ F5ED8E

Harmonies

Analogous

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



667B8F



75778E



837388

Triad

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



75778E



8E7368



617F74

Complementary

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



75778E



8E8C75

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.



6D7D69



75778E



867662

Square

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



75778E



917172



7A7A63



5A7F7F

Rectangle

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



75778E



8A7181



7A7A63



647E70

Sweetspot

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



75778E



AEAFB8



758E8C



56575C



DBDBDB



5C5C5C

Same Dimension

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



75778E



9194B8



7F758E



404147



000B87



000108

Inverse Universe

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



8E7577



B89194



848E75



474041



87000B



080001

Previews

White Background



This preview shows how the Hex color 75778E looks on a white background.

Color Contrast Check

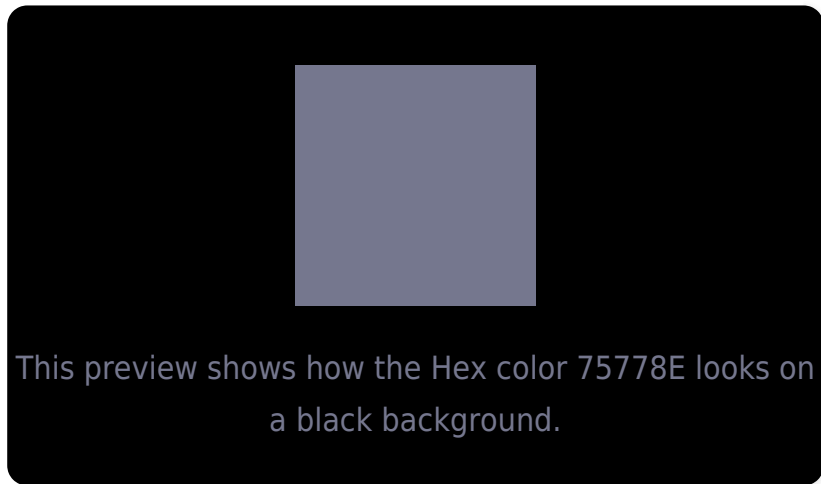
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

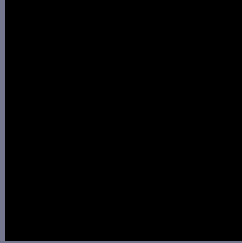
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

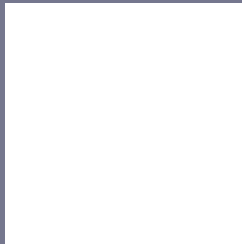
Any Text WCAG AAA × Fail

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

Hex 75778E Background



This preview shows how black text looks on a background with the Hex color 75778E.



This preview shows how white text looks on a background with the Hex color 75778E.

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
75778E

Protanopia
74778E

Deuteranopia
79768E



Tritanopia
737983

Trichromacy



Original Color
75778E

Protanomaly
74778E

Deuteranomaly
78768E

Tritanomaly
747887

Monochromacy



Original Color
75778E

Achromatopsia
797979

Achromatomaly
787881

CSS Examples

Text

The CSS property to change the color of the text to Hex 75778E 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 #75778E looks like.

```
.text, #text, p{  
    color:#75778E  
}
```

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 #75778E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75778E
}
```

Border

The CSS property to change the border of an element to Hex 75778E 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
#75778E }
```

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

```
.border{ border-color:#75778E }
```

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

Here you see how a box with a 4 pixel #75778E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75778E; -webkit-box-shadow:4px 4px  
4px 4px #75778E; box-shadow:4px 4px 4px  
4px #75778E }
```

Background

The CSS property to change the background color of an element to Hex 75778E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75778E }
```

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

```
.background{ background-color:#75778E }
```

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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