

Converting Colors

Hex(07068E)

Have a look what the booklet for
Hex(07068E) contains.

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Color

Hex(07068E)

Conversions

Conversions Part 1

Format	Color
Hex	07068E
RGB	7, 6, 142
RGB Percent	3%, 2%, 56%
CMY	0.9725, 0.9765, 0.4431
CMYK	0.95, 0.96, 0.00, 0.44
HSL	240°, 92%, 29%
HSV	240°, 96%, 56%
XYZ	5.0352, 2.1284, 25.7366
YIQ	21.8030, -43.0600, 42.5080

Conversions

Conversions Part 2

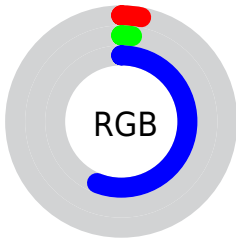
Format	Color
R_{YB}	7, 6, 142
Decimal	460430
CIE Lab	16.15, 49.22, -68.23
CIE LCh	16, 84.133, 305.805
Yxy	2.1284, 0.1530, 0.0647
Android (android.graphics.Color)	4278650510 (0xFF07068E)
YUV	21.8030, 59.2571, -12.9822
Hunter-Lab	14.5891, 36.0760, -94.3812

Details

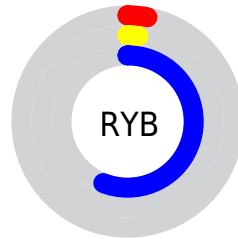
The Hex color **07068E** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8D8E06**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5939C5**, and **00005A** is the 20% darker color. If you saturate the color by 10%, you get **01008E**, and if you desaturate by 10%, it is **15148E**.

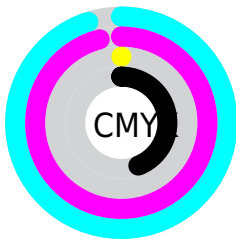
Distribution



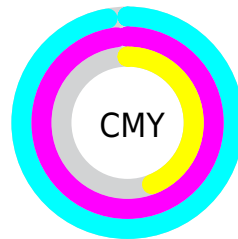
- Red (3%)
- Green (2%)
- Blue (56%)



- Red (3%)
- Yellow (2%)
- Blue (56%)



- Cyan (95%)
- Magenta (96%)
- Yellow (0%)
- Black (44%)



- Cyan (97%)
- Magenta (98%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07068E 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 07068E by changing the saturation by 10% instead.

 07068E

 07068E


 FFF4FF

 000074

 5939C5

 00005A

 7752E2

 000741

 946BFF

 00032A

 B285FF

 000115

 CFA0FF

 000000

 EDBBFF

 FFD7FF

 07068E

 07068E

■ 01008E

■ 15148E

■ 23228E

■ 31318E

■ 3F3F8E

■ 4D4D8E

■ 5C5B8E

■ 6A698E

■ 78788E

■ 86868E

Harmonies

Analogous

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



0032A7



07068E



71005B

Triad

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



07068E



570600



003933

Complementary

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



07068E



8D8E06

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.



003800



07068E



282B00

Square

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



07068E



770000



003500



003D70

Rectangle

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



07068E



820034



003500



00391E

Sweetspot

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



07068E



8382B8



068E8E



3C3C5C



DBDBDB



5C5C5C

Same Dimension

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



07068E



0100B8



4A068E



404047



010087



000008

Inverse Universe

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



8E068D



B800B6



4A8E06



474047



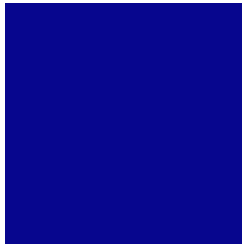
870086



080008

Previews

White Background



This preview shows how the Hex color 07068E looks on a white background.

Color Contrast Check

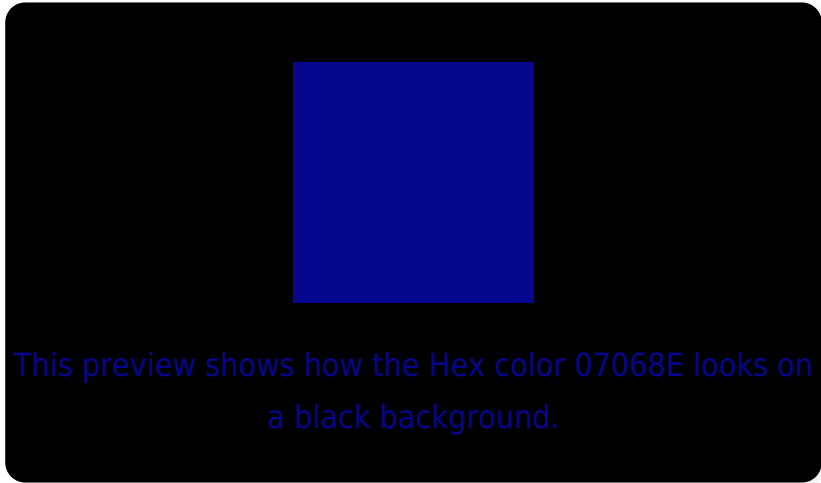
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

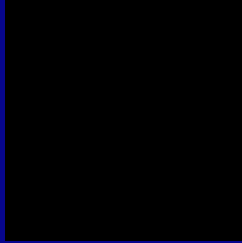
Any Text WCAG AA × Fail

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 07068E Background



This preview shows how black text looks on a background with the Hex color 07068E.



This preview shows how white text looks on a background with the Hex color 07068E.

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
07068E

Protanopia
002A57

Deuteranopia
002D4A

Trichromacy



Original Color
07068E

Protanomaly
031D6B

Deuteranomaly
031F63

Tritanomaly
032153

Monochromacy



Original Color
07068E

Achromatopsia
161616

Achromatomaly
111042

CSS Examples

Text

The CSS property to change the color of the text to Hex 07068E 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 #07068E looks like.

```
.text, #text, p{  
    color:#07068E  
}
```

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 #07068E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07068E
}
```

Border

The CSS property to change the border of an element to Hex 07068E is called "border". The border property can be set on classes, ids or directly on the HTML element.

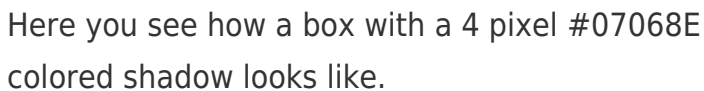
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07068E }
```

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

```
.border{ border-color:#07068E }
```

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



Here you see how a box with a 4 pixel #07068E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07068E; -webkit-box-shadow:4px 4px  
4px 4px #07068E; box-shadow:4px 4px 4px  
4px #07068E }
```

Background

The CSS property to change the background color of an element to Hex 07068E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07068E }
```

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

```
.background{ background-color:#07068E }
```

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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