

Converting Colors

Hex(737098)

Have a look what the booklet for
Hex(737098) contains.

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Color

Hex(737098)

Conversions

Conversions Part 1

Format	Color
Hex	737098
RGB	115, 112, 152
RGB Percent	45%, 44%, 60%
CMY	0.5490, 0.5608, 0.4039
CMYK	0.24, 0.26, 0.00, 0.40
HSL	244°, 16%, 52%
HSV	244°, 26%, 60%
XYZ	18.5319, 17.5002, 32.1069
YIQ	117.4570, -11.0520, 13.0760

Conversions

Conversions Part 2

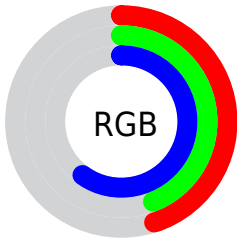
Format	Color
R_{YB}	115, 112, 152
Decimal	7565464
CIE _{Lab}	48.88, 10.26, -21.25
CIE _{LCh}	49, 23.598, 295.771
Yxy	17.5002, 0.2720, 0.2568
Android (android.graphics.Color)	4285755544 (0xFF737098)
YUV	117.4570, 17.0297, -2.1548
Hunter-Lab	41.8332, 5.8665, -16.2217

Details

The Hex color **737098** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **959870**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A8A4CE**, and **424065** is the 20% darker color. If you saturate the color by 10%, you get **656198**, and if you desaturate by 10%, it is **817F98**.

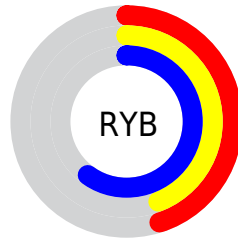
Distribution



Red (45%)

Green (44%)

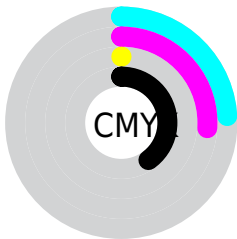
Blue (60%)



Red (45%)

Yellow (44%)

Blue (60%)

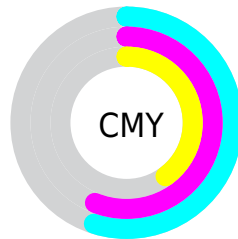


Cyan (24%)

Magenta (26%)

Yellow (0%)

Black (40%)



Cyan (55%)

Magenta (56%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737098 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 737098 by changing the saturation by 10% instead.

■ 737098

■ 737098

FFFFFF

■ 5A587E

■ A8A4CE

■ 424065

■ C3BFEB

■ 2B2A4D

■ DFDBFF

■ 141636

■ FCF7FF

■ 000021

■ 000005

■ 000000

■ 737098

■ 737098

■ 656198

■ 817F98

575298

8F8E98

494298

9D9E98

3B3398

ABAD98

2D2498

B9BC98

1F1598

C7CB98

110698

D5DA98

0B0098

E3EA98

F2F998

Harmonies

Analogous

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



55779C



737098



8B698B

Triad

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



737098



946B54



427F70

Complementary

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



737098



959870

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.



597D5D



737098



85724C

Square

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



737098



9C6664



707850



337F85

Rectangle

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



737098



96667E



707850



497E6A

Sweetspot

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



737098



B6B5C4



709598



5A5A63



E3E3E3



636363

Same Dimension

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



737098



8A86C4



877098



45454D



0B008C



01000D

Inverse Universe

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



987095



C486C0



819870



4D454C



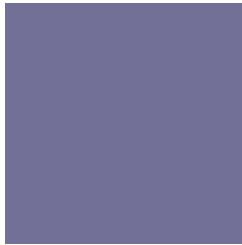
8C0082



0D000C

Previews

White Background



This preview shows how the Hex color 737098 looks on a white background.

Color Contrast Check

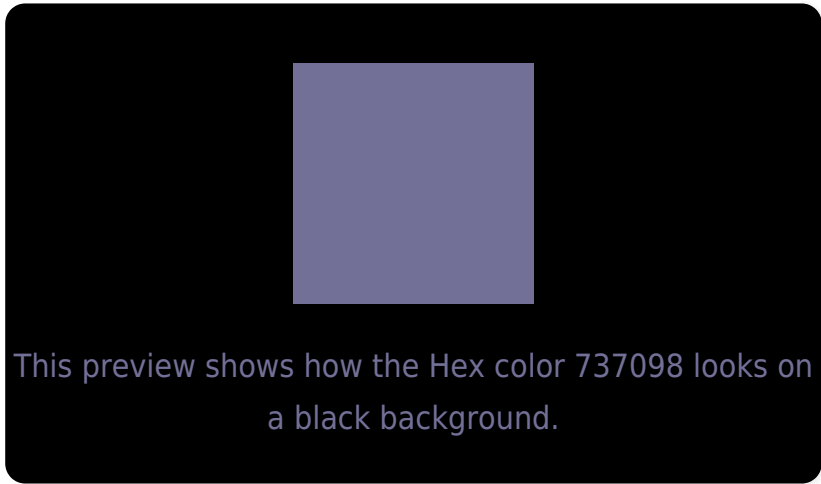
Large Text (above 18pt) WCAG AA ✓ Pass

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

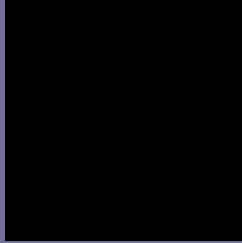
Any Text WCAG AA ✓ Pass

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 737098 Background



This preview shows how black text looks on a background with the Hex color 737098.



This preview shows how white text looks on a background with the Hex color 737098.

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
737098

Protanopia
69739A

Deuteranopia
6C7298



Tritanopia
6E757E

Trichromacy



Original Color
737098

Protanomaly
6D7299

Deuteranomaly
6F7198

Tritanomaly
707387

Monochromacy



Original Color
737098

Achromatopsia
757575

Achromatomaly
747382

CSS Examples

Text

The CSS property to change the color of the text to Hex 737098 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 #737098 looks like.

```
.text, #text, p{  
    color:#737098  
}
```

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 #737098 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737098
}
```

Border

The CSS property to change the border of an element to Hex 737098 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
#737098 }
```

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

```
.border{ border-color:#737098 }
```

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

Here you see how a box with a 4 pixel #737098 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737098; -webkit-box-shadow:4px 4px  
4px 4px #737098; box-shadow:4px 4px 4px  
4px #737098 }
```

Background

The CSS property to change the background color of an element to Hex 737098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737098 }
```

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

```
.background{ background-color:#737098 }
```

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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