

Converting Colors

Hex(82838E)

Have a look what the booklet for
Hex(82838E) contains.

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Color

Hex(82838E)

Conversions

Conversions Part 1

Format	Color
Hex	82838E
RGB	130, 131, 142
RGB Percent	51%, 51%, 56%
CMY	0.4902, 0.4863, 0.4431
CMYK	0.08, 0.08, 0.00, 0.44
HSL	235°, 5%, 53%
HSV	235°, 8%, 56%
XYZ	22.2047, 22.9314, 28.8471
YIQ	131.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

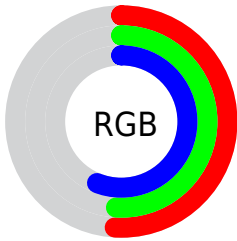
Format	Color
R_{YB}	130, 131, 142
Decimal	8553358
CIE _{Lab}	55.00, 1.90, -6.04
CIE _{LCh}	55, 6.329, 287.496
Y _{xy}	22.9314, 0.3001, 0.3100
Android (android.graphics.Color)	4286743438 (0xFF82838E)
Y _{UV}	131.9550, 4.9522, -1.7145
Hunter-Lab	47.8868, -1.0328, -2.1957

Details

The Hex color **82838E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E8D82**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B7B8C4**, and **51525C** is the 20% darker color. If you saturate the color by 10%, you get **74768E**, and if you desaturate by 10%, it is **90908E**.

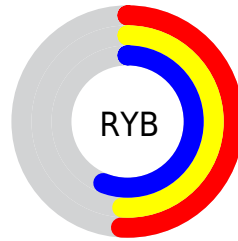
Distribution



Red (51%)

Green (51%)

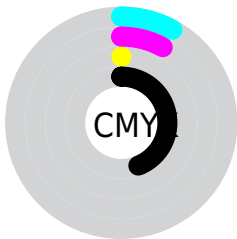
Blue (56%)



Red (51%)

Yellow (51%)

Blue (56%)

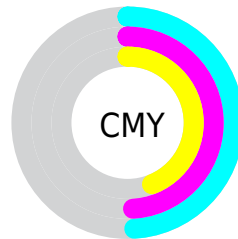


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (44%)



Cyan (49%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82838E 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 82838E by changing the saturation by 10% instead.



82838E



82838E

FFFFFF



696A74



B7B8C4



51525C



D3D4E0



3A3B44



EFF0FC



24252E



0F101A



000000



82838E



82838E



74768E



90908E



66698E



9E9D8E

■ 575C8E

■ ADAA8E

■ 494F8E

■ BBB78E

■ 3B428E

■ C9C48E

■ 2D358E

■ D7D18E

■ 1F288E

■ E5DE8E

■ 101B8E

■ F4EB8E

■ 020E8E

■ FFF88E

Harmonies

Analogous

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



7C858E



82838E



89818B

Triad

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



82838E



8F817C



798781

Complementary

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



82838E



8E8D82

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.



7E867C



82838E



8B8279

Square

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



82838E



908081



858479



768787

Rectangle

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



82838E



8C8088



858479



7B877F

Sweetspot

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



82838E



B2B3B8



828E8D



58585C



DBDBDB



5C5C5C

Same Dimension

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



82838E



A5A7B8



87828E



404147



000B87



000108

Inverse Universe

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



8E8283



B8A5A7



898E82



474041



87000B



080001

Previews

White Background



This preview shows how the Hex color 82838E looks on a white background.

Color Contrast Check

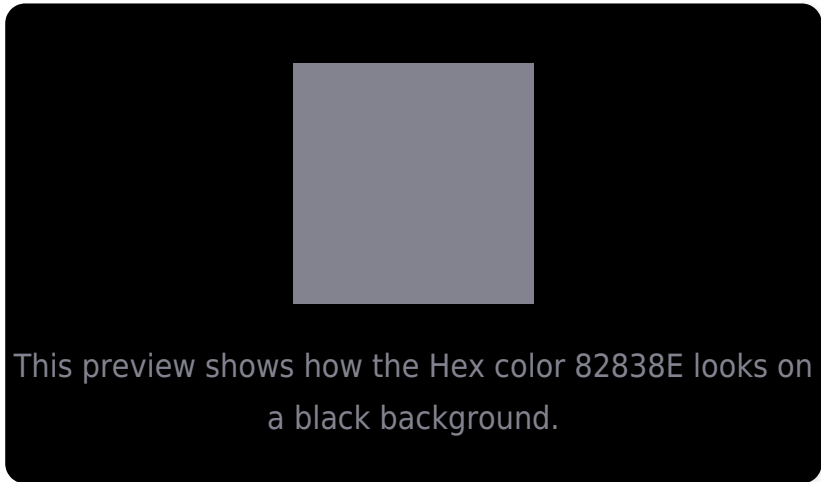
Large Text (above 18pt) WCAG AA ✓ Pass

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

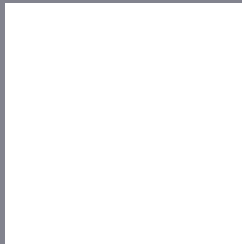
Any Text WCAG AAA × Fail

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

Hex 82838E Background



This preview shows how black text looks on a background with the Hex color 82838E.



This preview shows how white text looks on a background with the Hex color 82838E.

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


82838E

Protanopia

83838E

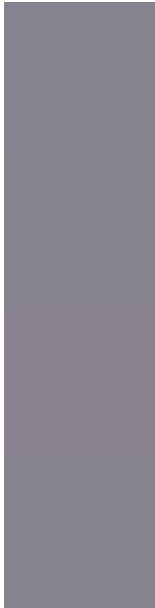
Deuteranopia

8B808F



Tritanopia
82838D

Trichromacy



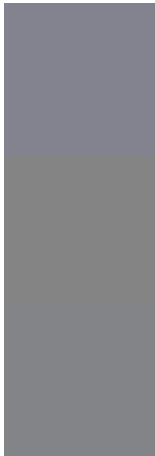
Original Color
82838E

Protanomaly
83838E

Deuteranomaly
88818F

Tritanomaly
82838D

Monochromacy



Original Color
82838E

Achromatopsia
848484

Achromatomaly
838488

CSS Examples

Text

The CSS property to change the color of the text to Hex 82838E 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 #82838E looks like.

```
.text, #text, p{  
    color:#82838E  
}
```

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 #82838E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82838E
}
```

Border

The CSS property to change the border of an element to Hex 82838E is called "border". The border property can be set on classes, ids or directly on the HTML element.

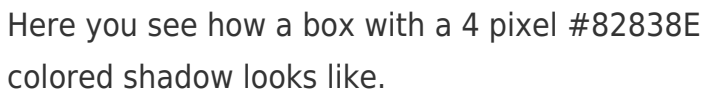
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82838E }
```

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

```
.border{ border-color:#82838E }
```

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



Here you see how a box with a 4 pixel #82838E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82838E; -webkit-box-shadow:4px 4px  
4px 4px #82838E; box-shadow:4px 4px 4px  
4px #82838E }
```

Background

The CSS property to change the background color of an element to Hex 82838E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82838E }
```

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

```
.background{ background-color:#82838E }
```

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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