

Converting Colors

Hex(42838E)

Have a look what the booklet for
Hex(42838E) contains.

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Color

Hex(42838E)

Conversions

Conversions Part 1

Format	Color
Hex	42838E
RGB	66, 131, 142
RGB Percent	26%, 51%, 56%
CMY	0.7412, 0.4863, 0.4431
CMYK	0.54, 0.08, 0.00, 0.44
HSL	189°, 37%, 41%
HSV	189°, 54%, 56%
XYZ	15.2456, 19.3438, 28.5214
YIQ	112.8190, -42.2710, -10.3590

Conversions

Conversions Part 2

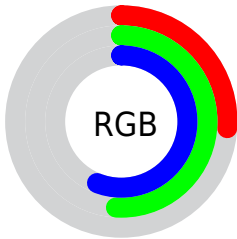
Format	Color
R _{YB}	66, 101, 142
Decimal	4359054
CIE _{Lab}	51.09, -17.50, -12.30
CIE _{LCh}	51, 21.391, 215.101
Yxy	19.3438, 0.2416, 0.3065
Android (android.graphics.Color)	4282549134 (0xFF42838E)
YUV	112.8190, 14.3862, -41.0603
Hunter-Lab	43.9816, -15.0936, -7.6615

Details

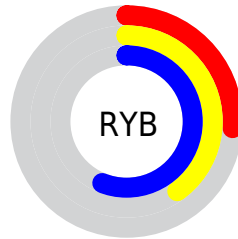
The Hex color `42838E` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `8E4D42`, and the grayscale version is `717171`.

A 20% lighter version of the original color is `78B8C4`, and `00515C` is the 20% darker color. If you saturate the color by 10%, you get `34818E`, and if you desaturate by 10%, it is `50858E`.

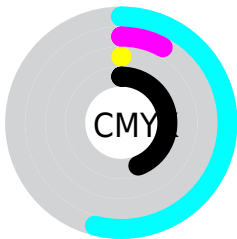
Distribution



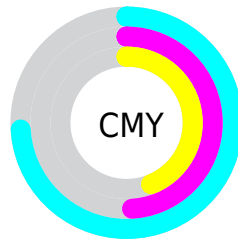
- Red (26%)
- Green (51%)
- Blue (56%)



- Red (26%)
- Yellow (40%)
- Blue (56%)



- Cyan (54%)
- Magenta (8%)
- Yellow (0%)
- Black (44%)



- Cyan (74%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42838E 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 42838E by changing the saturation by 10% instead.

 42838E

 42838E

FFFFFF

 256A74

 78B8C4

 00515C

 93D4E0

 003A44

 AFF0FC

 00242E

 CCFFFF

 00091A

 E9FFFF

 000000

 42838E

 42838E

 34818E

 50858E

 267F8E

 5E878E

177D8E

6D898E

097B8E

7B8B8E

00798E

898D8E

978F8E

A5918E

B4938E

C2958E

Harmonies

Analogous

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



49847C



42838E



4F809A

Triad

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



42838E



946E89



847A55

Complementary

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



42838E



8E4D42

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.



947359



42838E



9E6C77

Square

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



42838E



807498



9D6E66



707F5B

Rectangle

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



42838E



5E7C9E



9D6E66



8A7755

Sweetspot

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



42838E



9AB3B8



428E4C



4A595C



DBDBDB



5C5C5C

Same Dimension

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



42838E



42A7B8



425E8E



404647



007487



000708

Inverse Universe

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



8E4283



B842A7



8E7242



474046



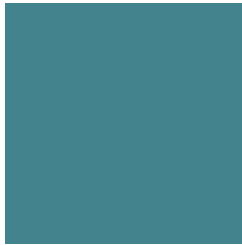
870074



080007

Previews

White Background



This preview shows how the Hex color 42838E looks on a white background.

Color Contrast Check

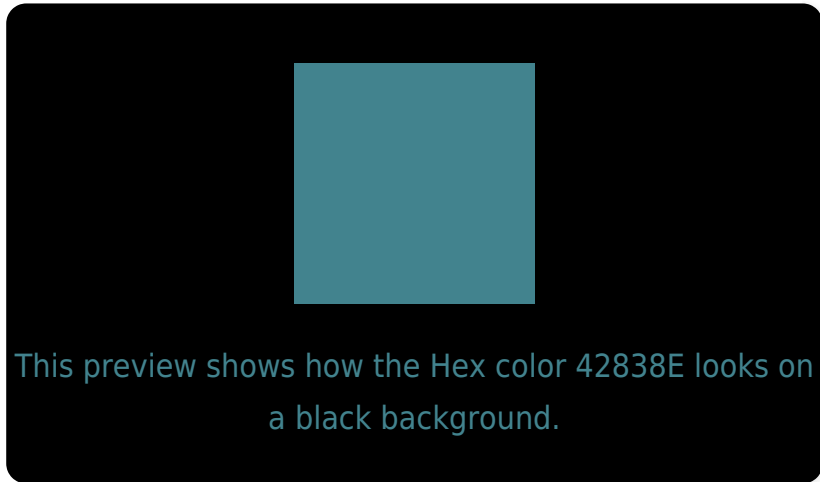
Large Text (above 18pt) WCAG AA ✓ Pass

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 42838E Background



This preview shows how black text looks on a background with the Hex color 42838E.

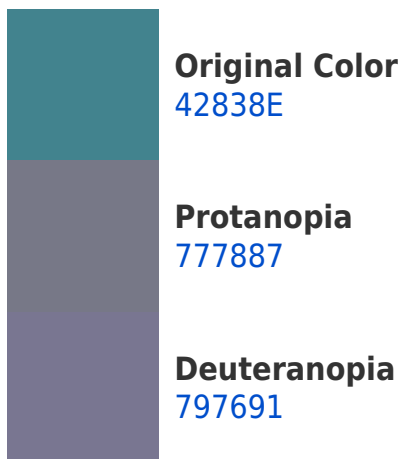


This preview shows how white text looks on a background with the Hex color 42838E.

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](#).

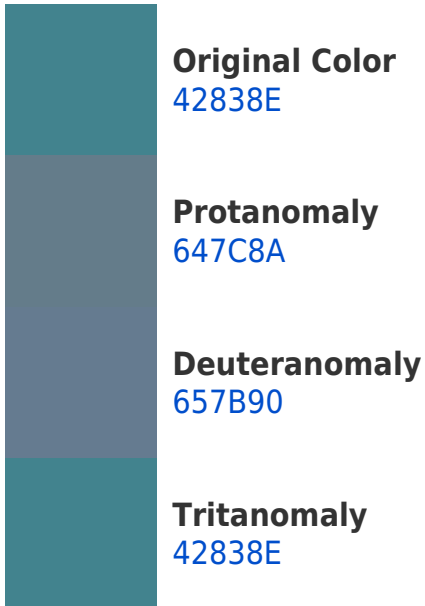
Dichromacy





Tritanopia
42838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42838E 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 #42838E looks like.

```
.text, #text, p{  
    color:#42838E  
}
```

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 #42838E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42838E
}
```

Border

The CSS property to change the border of an element to Hex 42838E is called "border". The border property can be set on classes, ids or directly on the HTML element.

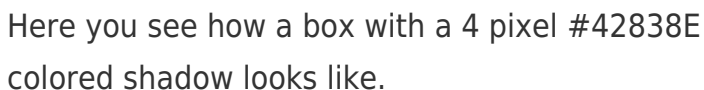
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42838E }
```

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

```
.border{ border-color:#42838E }
```

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



Here you see how a box with a 4 pixel #42838E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42838E; -webkit-box-shadow:4px 4px  
4px 4px #42838E; box-shadow:4px 4px 4px  
4px #42838E }
```

Background

The CSS property to change the background color of an element to Hex 42838E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42838E }
```

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

```
.background{ background-color:#42838E }
```

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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