

Converting Colors

Hex(52838E)

Have a look what the booklet for
Hex(52838E) contains.

Hex(52838E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(52838E)

Conversions

Conversions Part 1

Format	Color
Hex	52838E
RGB	82, 131, 142
RGB Percent	32%, 51%, 56%
CMY	0.6784, 0.4863, 0.4431
CMYK	0.42, 0.08, 0.00, 0.44
HSL	191°, 27%, 44%
HSV	191°, 42%, 56%
XYZ	16.4785, 19.9794, 28.5791
YIQ	117.6030, -32.7350, -6.9670

Conversions

Conversions Part 2

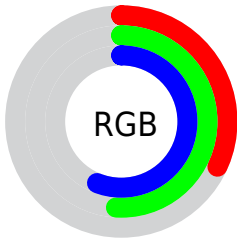
Format	Color
R_{YB}	82, 109, 142
Decimal	5407630
CIE _{Lab}	51.81, -13.50, -11.13
CIE _{LCh}	52, 17.498, 219.513
Yxy	19.9794, 0.2534, 0.3072
Android (android.graphics.Color)	4283597710 (0xFF52838E)
YUV	117.6030, 12.0277, -31.2238
Hunter-Lab	44.6984, -12.4165, -6.6198

Details

The Hex color **52838E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E5D52**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **86B8C4**, and **1E525C** is the 20% darker color. If you saturate the color by 10%, you get **44808E**, and if you desaturate by 10%, it is **60868E**.

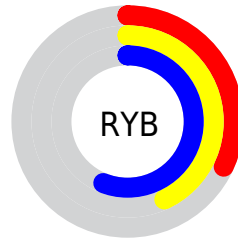
Distribution



Red (32%)

Green (51%)

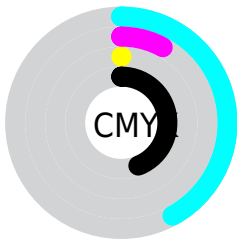
Blue (56%)



Red (32%)

Yellow (43%)

Blue (56%)

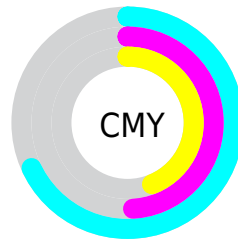


Cyan (42%)

Magenta (8%)

Yellow (0%)

Black (44%)



Cyan (68%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52838E 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 52838E by changing the saturation by 10% instead.

52838E

52838E

FFFFFF

386A74

86B8C4

1E525C

A2D4E0

003A44

BDF0FC

00252E

DAFFFF

000D1A

F7FFFF

000000

52838E

52838E

44808E

60868E

367E8E

6E888E

277B8E

7D8B8E

19798E

8B8D8E

0B768E

99908E

00748E

A7938E

B5958E

C4988E

D29A8E

Harmonies

Analogous

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



548480



52838E



5D8097

Triad

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



52838E



937286



827C5E

Complementary

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



52838E



8E5D52

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.



907760



52838E



9A7177

Square

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



52838E



847693



997369



718064

Rectangle

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



52838E



697D99



997369



877A5E

Sweetspot

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



52838E



A0B3B8



528E5D



4D595C



DBDBDB



5C5C5C

Same Dimension

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



52838E



5AA6B8



52658E



404647



006E87



000608

Inverse Universe

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



8E5283



B85AA6



8E7B52



474046



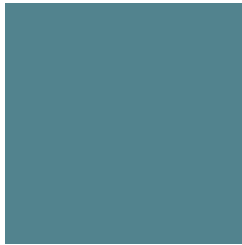
87006E



080006

Previews

White Background



This preview shows how the Hex color 52838E looks on a white background.

Color Contrast Check

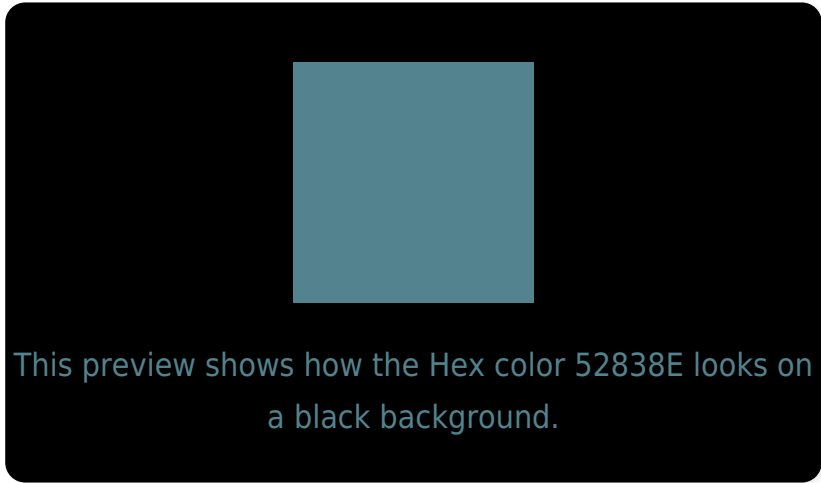
Large Text (above 18pt) WCAG AA ✓ Pass

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

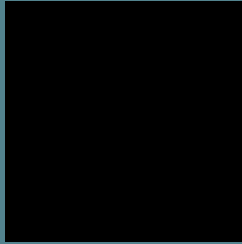
Any Text WCAG AA ✓ Pass

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 52838E Background



This preview shows how black text looks on a background with the Hex color 52838E.

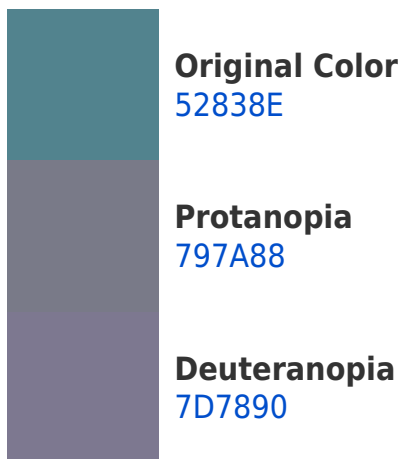


This preview shows how white text looks on a background with the Hex color 52838E.

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](#).

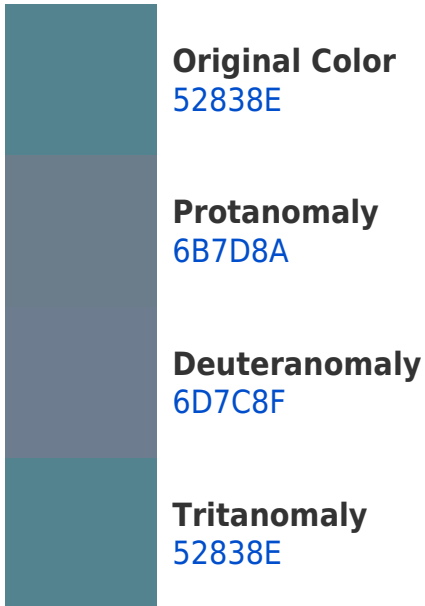
Dichromacy



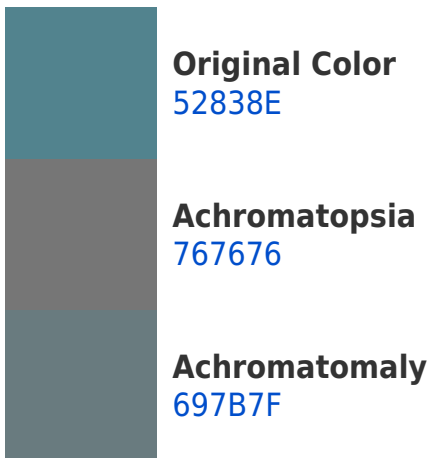


Tritanopia
52838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52838E 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 #52838E looks like.

```
.text, #text, p{  
    color:#52838E  
}
```

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 #52838E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52838E
}
```

Border

The CSS property to change the border of an element to Hex 52838E 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
#52838E }
```

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

```
.border{ border-color:#52838E }
```

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

Here you see how a box with a 4 pixel #52838E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52838E; -webkit-box-shadow:4px 4px  
4px 4px #52838E; box-shadow:4px 4px 4px  
4px #52838E }
```

Background

The CSS property to change the background color of an element to Hex 52838E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52838E }
```

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

```
.background{ background-color:#52838E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor