

Converting Colors

Hex(59428E)

Have a look what the booklet for
Hex(59428E) contains.

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Color

Hex(59428E)

Conversions

Conversions Part 1

Format	Color
Hex	59428E
RGB	89, 66, 142
RGB Percent	35%, 26%, 56%
CMY	0.6510, 0.7412, 0.4431
CMYK	0.37, 0.54, 0.00, 0.44
HSL	258°, 37%, 41%
HSV	258°, 54%, 56%
XYZ	10.9505, 7.9733, 26.5530
YIQ	81.5410, -10.6880, 28.5120

Conversions

Conversions Part 2

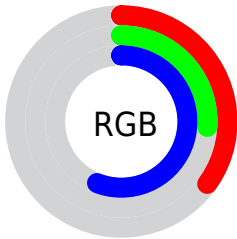
Format	Color
R_{YB}	89, 66, 142
Decimal	5849742
CIE _{Lab}	33.93, 28.09, -38.87
CIE _{LCh}	34, 47.961, 305.856
Yxy	7.9733, 0.2408, 0.1753
Android (android.graphics.Color)	4284039822 (0xFF59428E)
YUV	81.5410, 29.8063, 6.5415
Hunter-Lab	28.2370, 19.8090, -35.9883

Details

The Hex color **59428E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **778E42**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8E73C4**, and **25165B** is the 20% darker color. If you saturate the color by 10%, you get **4F348E**, and if you desaturate by 10%, it is **63508E**.

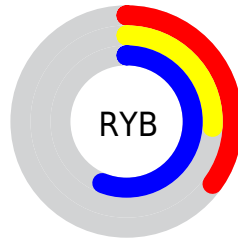
Distribution



Red (35%)

Green (26%)

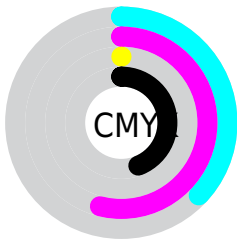
Blue (56%)



Red (35%)

Yellow (26%)

Blue (56%)

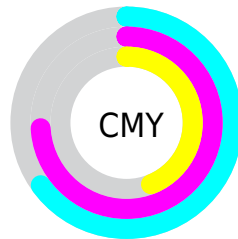


Cyan (37%)

Magenta (54%)

Yellow (0%)

Black (44%)



Cyan (65%)

Magenta (74%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59428E 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 59428E by changing the saturation by 10% instead.

■ 59428E

■ 59428E

FFFFFF

■ 3F2B74

■ 8E73C4

■ 25165B

■ A98CE0

■ 0A0043

■ C5A7FD

■ 00022C

■ E2C2FF

■ 000116

■ FFDEFF

■ 000000

■ FFFBFF

■ 59428E

■ 59428E

■ 4F348E

■ 63508E

■ 45268E

■ 6D5E8E

■ 3B178E

■ 776D8E

■ 31098E

■ 817B8E

■ 2B008E

■ 8B898E

■ 94978E

■ 9EA58E

■ A8B48E

■ B2C28E

Harmonies

Analogous

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



00529C



59428E



832F70

Triad

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



59428E



794200



006156

Complementary

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



59428E



778E42

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.



005F2F



59428E



5A5100

Square

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



59428E



8D3025



325A05



00607C

Rectangle

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



59428E



902657



325A05



006049

Sweetspot

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



59428E



A39AB8



42778E



504A5C



DBDBDB



5C5C5C

Same Dimension

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



59428E



6642B8



7F428E



424047



290087



020008

Inverse Universe

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



8E4277



B84294



518E42



474045



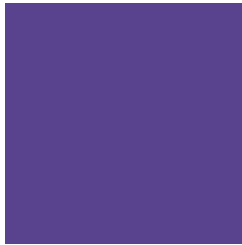
87005E



080005

Previews

White Background



This preview shows how the Hex color 59428E looks on a white background.

Color Contrast Check

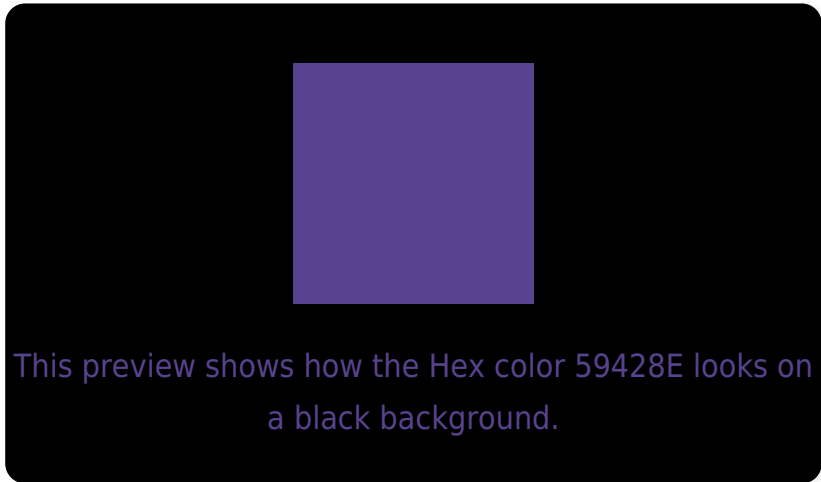
Large Text (above 18pt) WCAG AA ✓ Pass

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

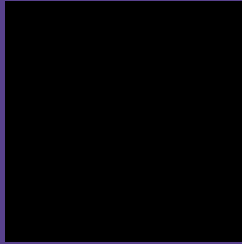
Any Text WCAG AA × Fail

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 59428E Background



This preview shows how black text looks on a background with the Hex color 59428E.

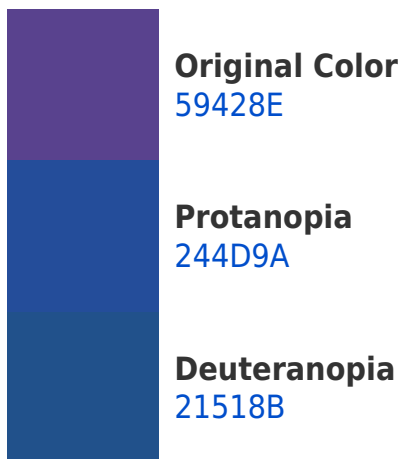


This preview shows how white text looks on a background with the Hex color 59428E.

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
4D5056

Trichromacy



Original Color
59428E

Protanomaly
374996

Deuteranomaly
354C8C

Tritanomaly
514B6A

Monochromacy



Original Color
59428E

Achromatopsia
525252

Achromatomaly
554C68

CSS Examples

Text

The CSS property to change the color of the text to Hex 59428E 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 #59428E looks like.

```
.text, #text, p{  
    color:#59428E  
}
```

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 #59428E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59428E
}
```

Border

The CSS property to change the border of an element to Hex 59428E is called "border". The border property can be set on classes, ids or directly on the HTML element.

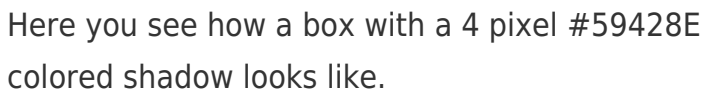
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59428E }
```

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

```
.border{ border-color:#59428E }
```

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



Here you see how a box with a 4 pixel #59428E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59428E; -webkit-box-shadow:4px 4px  
4px 4px #59428E; box-shadow:4px 4px 4px  
4px #59428E }
```

Background

The CSS property to change the background color of an element to Hex 59428E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59428E }
```

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

```
.background{ background-color:#59428E }
```

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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