

# Converting Colors

Hex(59128A)

Have a look what the booklet for  
Hex(59128A) contains.

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# Color

**Hex(59128A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	59128A
RGB	89, 18, 138
RGB Percent	35%, 7%, 54%
CMY	0.6510, 0.9294, 0.4588
CMYK	0.36, 0.87, 0.00, 0.46
HSL	276°, 77%, 31%
HSV	276°, 87%, 54%
XYZ	8.9236, 4.3914, 24.4221
YIQ	52.9090, 3.7960, 52.3720

# Conversions

## Conversions Part 2

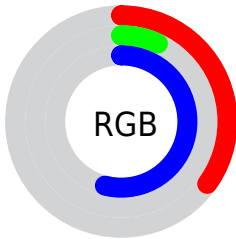
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 18, 138
Decimal	5837450
CIE <sub>Lab</sub>	24.93, 50.85, -50.96
CIE <sub>LCh</sub>	25, 71.986, 314.939
Yxy	4.3914, 0.2365, 0.1164
Android (android.graphics.Color)	4284027530 (0xFF59128A)
YUV	52.9090, 41.9499, 31.6518
Hunter-Lab	20.9558, 39.3380, -54.4282

# Details

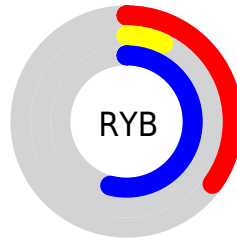
The Hex color **59128A** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **438A12**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **9049C0**, and **220057** is the 20% darker color. If you saturate the color by 10%, you get **53048A**, and if you desaturate by 10%, it is **5F208A**.

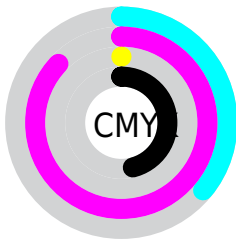
# Distribution



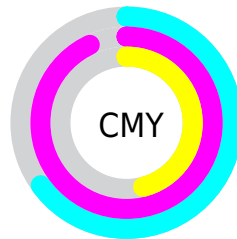
- Red (35%)
- Green (7%)
- Blue (54%)



- Red (35%)
- Yellow (7%)
- Blue (54%)



- Cyan (36%)
- Magenta (87%)
- Yellow (0%)
- Black (46%)



- Cyan (65%)
- Magenta (93%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59128A 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 59128A by changing the saturation by 10% instead.



 59128A

 59128A

FFFFFF

 3E0070

 9049C0

 220057

 AC63DD

 00003F

 C97DFA

 000328

 E698FF

 000111

 FFB4FF

 000000

 FFD0FF

 FFEDFF

 59128A

 59128A

■ 53048A

■ 5F208A

■ 52008A

■ 642E8A

■ 6A3B8A

■ 70498A

■ 75578A

■ 7B658A

■ 80738A

■ 86808A

■ 8C8E8A

# Harmonies

## Analogous

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



003BA8



59128A



890059

# Triad

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



59128A



5F2E00



004F56

# Complementary

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



59128A



438A12

# 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.



004D1C



59128A



304100

# Square

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



59128A



820000



004A00



004F89

# Rectangle

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



59128A



930035



004A00



004E43



# Sweetspot

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



59128A



A084B3



12448A



4E3E59



D9D9D9



595959



# Same Dimension

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



59128A



6A00B3



8A1280



423E45



4E0085



030005



# Inverse Universe

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



8A1243



B30049



128A1C



453E41



850036

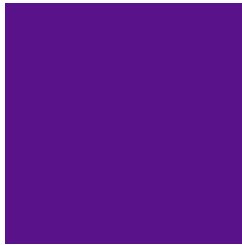


050002



# Previews

## White Background



This preview shows how the Hex color 59128A looks on a white background.

## Color Contrast Check

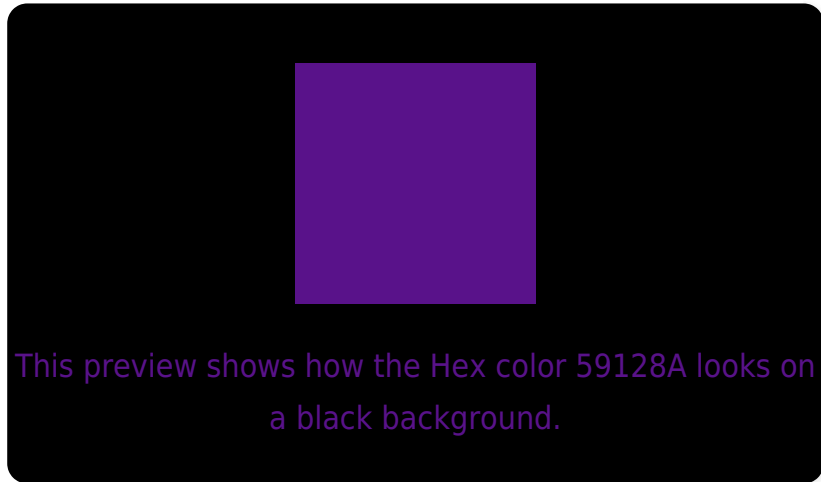
Large Text (above 18pt) WCAG AA ✓ Pass

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

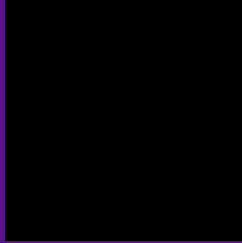
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 59128A Background



This preview shows how black text looks on a background with the Hex color 59128A.



This preview shows how white text looks on a background with the Hex color 59128A.

# 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](#).

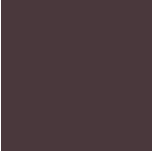
## Dichromacy



**Original Color**  
59128A

**Protanopia**  
003B7C

**Deuteranopia**  
003E6B



**Tritanopia**  
4A383C

# Trichromacy



**Original Color**  
59128A

**Protanomaly**  
202C81

**Deuteranomaly**  
202E76

**Tritanomaly**  
4F2A58

# Monochromacy



**Original Color**  
59128A

**Achromatopsia**  
353535

**Achromatomaly**  
422854

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59128A 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 #59128A looks like.

```
.text, #text, p{  
    color:#59128A  
}
```

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 #59128A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59128A
}
```

## Border

The CSS property to change the border of an element to Hex 59128A is called "border". The border property can be set on classes, ids or directly on the HTML element.

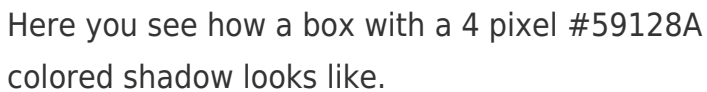
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59128A }
```

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

```
.border{ border-color:#59128A }
```

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



Here you see how a box with a 4 pixel #59128A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59128A; -webkit-box-shadow:4px 4px  
4px 4px #59128A; box-shadow:4px 4px 4px  
4px #59128A }
```

# Background

The CSS property to change the background color of an element to Hex 59128A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59128A }
```

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

```
.background{ background-color:#59128A }
```

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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