

Converting Colors

Hex(590BA8)

Have a look what the booklet for
Hex(590BA8) contains.

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Color

Hex(590BA8)

Conversions

Conversions Part 1

Format	Color
Hex	590BA8
RGB	89, 11, 168
RGB Percent	35%, 4%, 66%
CMY	0.6510, 0.9569, 0.3412
CMYK	0.47, 0.93, 0.00, 0.34
HSL	270°, 88%, 35%
HSV	270°, 93%, 66%
XYZ	11.3074, 5.1903, 37.4517
YIQ	52.2200, -3.9090, 65.3630

Conversions

Conversions Part 2

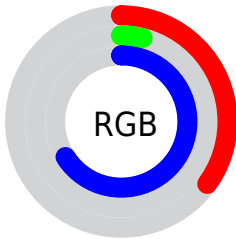
Format	Color
RYB	89, 11, 168
Decimal	5835688
CIELab	27.27, 59.40, -65.53
CIELCh	27, 88.443, 312.193
Yxy	5.1903, 0.2096, 0.0962
Android (android.graphics.Color)	4284025768 (0xFF590BA8)
YUV	52.2200, 57.0795, 32.2561
Hunter-Lab	22.7823, 48.7245, -81.5187

Details

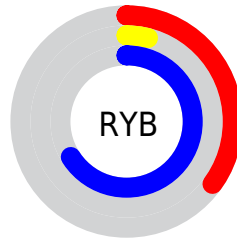
The Hex color **590BA8** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **5AA80B**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9348E0**, and **160072** is the 20% darker color. If you saturate the color by 10%, you get **5300A8**, and if you desaturate by 10%, it is **611CA8**.

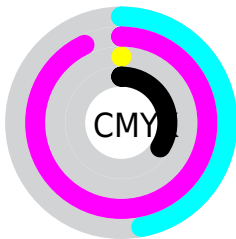
Distribution



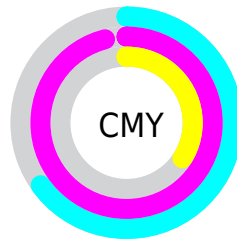
- Red (35%)
- Green (4%)
- Blue (66%)



- Red (35%)
- Yellow (4%)
- Blue (66%)



- Cyan (47%)
- Magenta (93%)
- Yellow (0%)
- Black (34%)



- Cyan (65%)
- Magenta (96%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 590BA8 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 590BA8 by changing the saturation by 10% instead.

■ 590BA8

■ 590BA8

FFFFFF

■ 3B008D

■ 9348E0

■ 160072

■ B062FE

■ 000059

■ CE7DFF

■ 000340

■ EC99FF

■ 000329

■ FFB4FF

■ 000113

■ FFD1FF

■ 000000

■ FFEEFF

■ 590BA8

■ 590BA8

■ 5300A8

■ 611CA8

■ 6A2DA8

■ 723DA8

■ 7B4EA8

■ 835FA8

■ 8C70A8

■ 9481A8

■ 9D91A8

■ A5A2A8

Harmonies

Analogous

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



0044CB



590BA8



9D006C

Triad

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



590BA8



6F2C00



00575C

Complementary

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



590BA8



5AA80B

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.



005510



590BA8



364700

Square

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



590BA8



980000



005100



00589D

Rectangle

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



590BA8



AB003F



005100



005644

Sweetspot

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



590BA8



BC9EDB



0B5CA8



5B486E



EDEDED



6E6E6E

Same Dimension

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



590BA8



6D00DB



A50BA8



504C54



490094



0A0014

Inverse Universe

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



A80B5A



DB006E



0EA80B



544C50



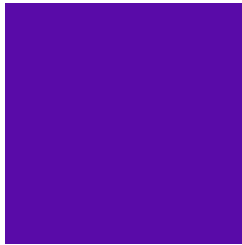
94004A



14000A

Previews

White Background



This preview shows how the Hex color 590BA8 looks on a white background.

Color Contrast Check

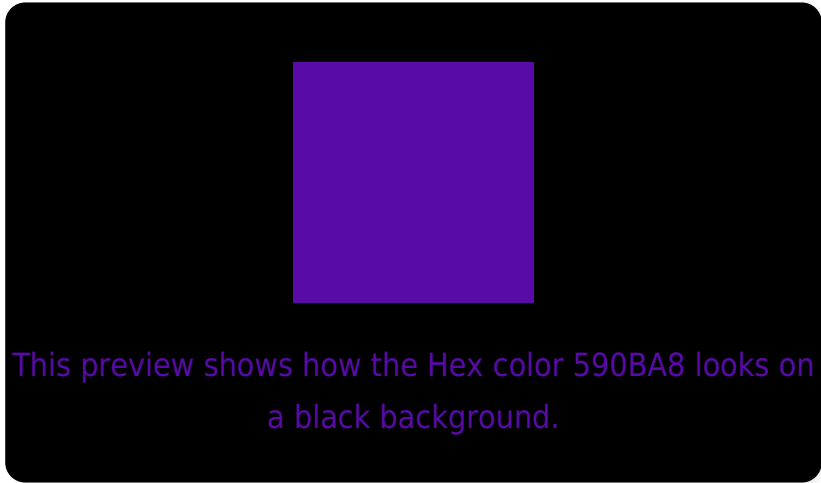
Large Text (above 18pt) WCAG AA ✓ Pass

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

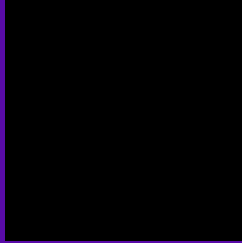
Any Text WCAG AA × Fail

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 590BA8 Background



This preview shows how black text looks on a background with the Hex color 590BA8.

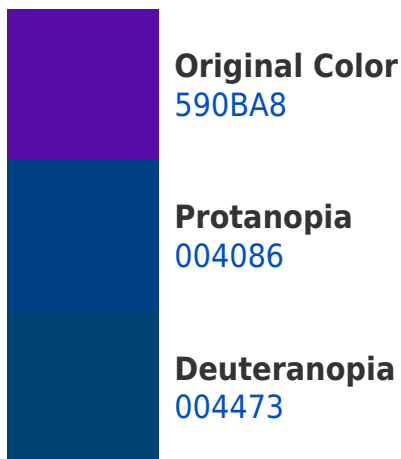


This preview shows how white text looks on a background with the Hex color 590BA8.

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
404247

Trichromacy



Original Color
590BA8

Protanomaly
202D92

Deuteranomaly
202F86

Tritanomaly
492E6A

Monochromacy



Original Color
590BA8

Achromatopsia
343434

Achromatomaly
41255E

CSS Examples

Text

The CSS property to change the color of the text to Hex 590BA8 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 #590BA8 looks like.

```
.text, #text, p{  
    color:#590BA8  
}
```

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 #590BA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #590BA8
}
```

Border

The CSS property to change the border of an element to Hex 590BA8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

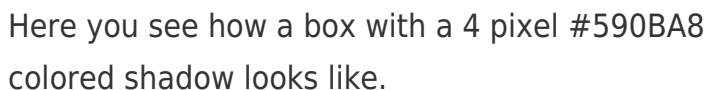
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#590BA8 }
```

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

```
.border{ border-color:#590BA8 }
```

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



Here you see how a box with a 4 pixel #590BA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #590BA8; -webkit-box-shadow:4px 4px  
4px 4px #590BA8; box-shadow:4px 4px 4px  
4px #590BA8 }
```

Background

The CSS property to change the background color of an element to Hex 590BA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#590BA8 }
```

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

```
.background{ background-color:#590BA8 }
```

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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