

Converting Colors

Hex(5F2894)

Have a look what the booklet for
Hex(5F2894) contains.

Hex(5F2894)	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(5F2894)

Conversions

Conversions Part 1

Format	Color
Hex	5F2894
RGB	95, 40, 148
RGB Percent	37%, 16%, 58%
CMY	0.6275, 0.8431, 0.4196
CMYK	0.36, 0.73, 0.00, 0.42
HSL	271°, 57%, 37%
HSV	271°, 73%, 58%
XYZ	10.8234, 6.0886, 28.6217
YIQ	68.7570, -1.8880, 45.2480

Conversions

Conversions Part 2

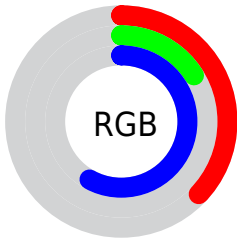
Format	Color
R_{YB}	95, 40, 148
Decimal	6236308
CIE _{Lab}	29.63, 45.65, -49.44
CIE _{LCh}	30, 67.289, 312.719
Yxy	6.0886, 0.2377, 0.1337
Android (android.graphics.Color)	4284426388 (0xFF5F2894)
YUV	68.7570, 39.0668, 23.0151
Hunter-Lab	24.6751, 35.1153, -51.5006

Details

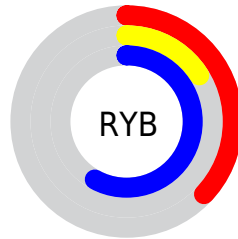
The Hex color **5F2894** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5D9428**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **965ACB**, and **280060** is the 20% darker color. If you saturate the color by 10%, you get **581994**, and if you desaturate by 10%, it is **663794**.

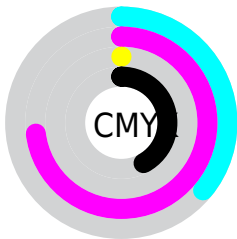
Distribution



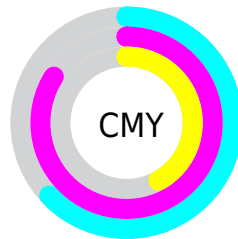
- Red (37%)
- Green (16%)
- Blue (58%)



- Red (37%)
- Yellow (16%)
- Blue (58%)



- Cyan (36%)
- Magenta (73%)
- Yellow (0%)
- Black (42%)



- Cyan (63%)
- Magenta (84%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F2894 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 5F2894 by changing the saturation by 10% instead.

5F2894

5F2894

FFFFFF

440C7A

965ACB

280060

B274E7

100048

CE8EFF

000330

ECAAFF

00011A

FFC5FF

000000

FFE2FF

5F2894

5F2894

581994

663794

500A94

6E4694

4B0094

755494

7C6394

837294

8B8194

929094

999E94

A0AD94

Harmonies

Analogous

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



0046AE



5F2894



900066

Triad

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



5F2894



6E3800



005A5C

Complementary

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



5F2894



5D9428

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.



005824



5F2894



424B00

Square

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



5F2894



8E0E00



005400



005A8D

Rectangle

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



5F2894



9C0044



005400



005A49

Sweetspot

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



5F2894



AB95BF



285E94



554861



E0E0E0



616161

Same Dimension

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



5F2894



6D17BF



942894



46434A



46008A



05000A

Inverse Universe

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



94285D



BF176A



289428



4A4346



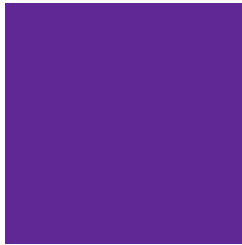
8A0044



0A0005

Previews

White Background



This preview shows how the Hex color 5F2894 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

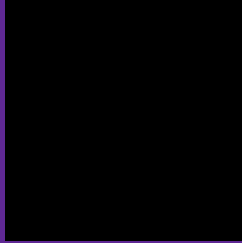
Any Text WCAG AA × Fail

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 5F2894 Background



This preview shows how black text looks on a background with the Hex color 5F2894.

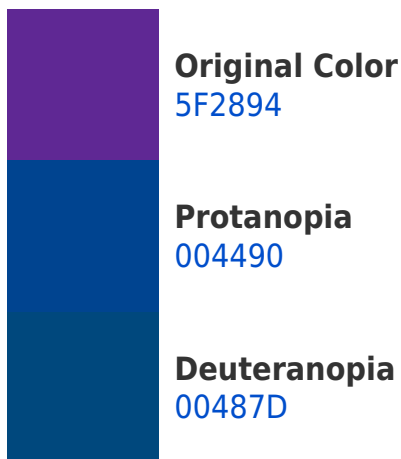



This preview shows how white text looks on a background with the Hex color 5F2894.

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](#).

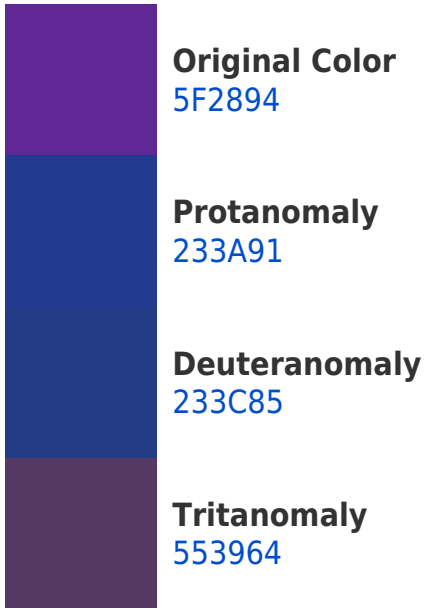
Dichromacy



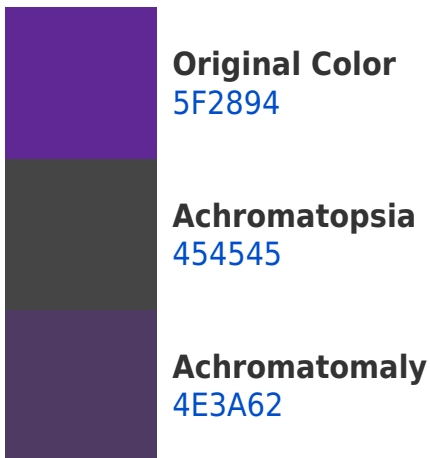


Tritanopia
504348

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F2894 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 #5F2894 looks like.

```
.text, #text, p{  
    color:#5F2894  
}
```

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 #5F2894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2894
}
```

Border

The CSS property to change the border of an element to Hex 5F2894 is called "border". The border property can be set on classes, ids or directly on the HTML element.

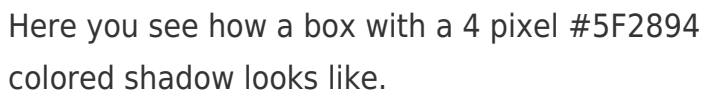
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F2894 }
```

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

```
.border{ border-color:#5F2894 }
```

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



Here you see how a box with a 4 pixel #5F2894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2894; -webkit-box-shadow:4px 4px  
4px 4px #5F2894; box-shadow:4px 4px 4px  
4px #5F2894 }
```

Background

The CSS property to change the background color of an element to Hex 5F2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2894 }
```

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

```
.background{ background-color:#5F2894 }
```

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