

Converting Colors

Hex(572F83)

Have a look what the booklet for
Hex(572F83) contains.

Hex(572F83)	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(572F83)

Conversions

Conversions Part 1

Format	Color
Hex	572F83
RGB	87, 47, 131
RGB Percent	34%, 18%, 51%
CMY	0.6588, 0.8157, 0.4863
CMYK	0.34, 0.64, 0.00, 0.49
HSL	269°, 47%, 35%
HSV	269°, 64%, 51%
XYZ	9.0437, 5.6980, 22.0959
YIQ	68.5360, -3.1240, 34.6040

Conversions

Conversions Part 2

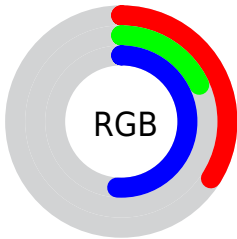
Format	Color
R_{YB}	87, 47, 131
Decimal	5713795
CIE _{Lab}	28.64, 35.86, -40.57
CIE _{LCh}	29, 54.148, 311.477
Yxy	5.6980, 0.2455, 0.1547
Android (android.graphics.Color)	4283903875 (0xFF572F83)
YUV	68.5360, 30.7948, 16.1929
Hunter-Lab	23.8704, 25.8547, -38.1731

Details

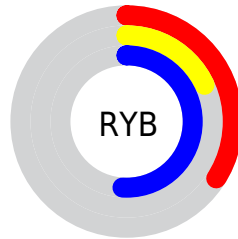
The Hex color **572F83** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5B832F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8C5FB9**, and **230051** is the 20% darker color. If you saturate the color by 10%, you get **502283**, and if you desaturate by 10%, it is **5E3C83**.

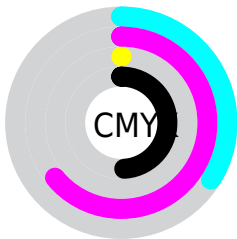
Distribution



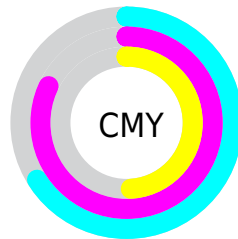
- Red (34%)
- Green (18%)
- Blue (51%)



- Red (34%)
- Yellow (18%)
- Blue (51%)



- Cyan (34%)
- Magenta (64%)
- Yellow (0%)
- Black (49%)



- Cyan (66%)
- Magenta (82%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 572F83 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 572F83 by changing the saturation by 10% instead.

■ 572F83

■ 572F83

FFFFFF

■ 3D1869

■ 8C5FB9

■ 230051

■ A779D5

■ 0E0039

■ C393F1

■ 000223

■ E0AEFF

■ 000009

■ FDCAFF

■ 000000

■ FFE6FF

■ 572F83

■ 572F83

■ 502283

■ 5E3C83

■ 491583

■ 654983

■ 420883

■ 6C5683

■ 3E0083

■ 726383

■ 797183

■ 807E83

■ 878B83

■ 8E9883

■ 95A583

Harmonies

Analogous

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



004497



572F83



7F0F5F

Triad

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



572F83



683800



005553

Complementary

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



572F83



5B832F

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.



005327



572F83



454700

Square

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



572F83



81200C



0D4F00



00547B

Rectangle

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



572F83



8A0043



0D4F00



005545

Sweetspot

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



572F83



9A8AAB



2F5C83



4C4357



D6D6D6



575757

Same Dimension

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



572F83



6627AB



802F83



3F3C42



3E0082



010003

Inverse Universe

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



832F5B



AB276C



32832F



423C3F



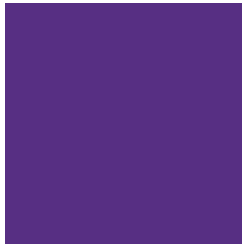
820044



030001

Previews

White Background



This preview shows how the Hex color 572F83 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

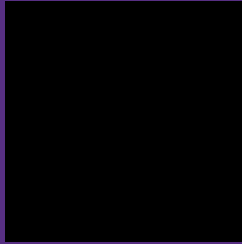
Any Text WCAG AA × Fail

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 572F83 Background



This preview shows how black text looks on a background with the Hex color 572F83.

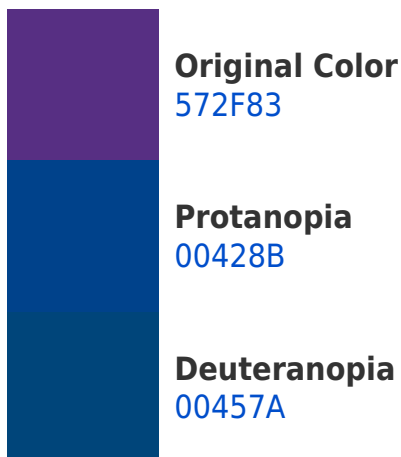


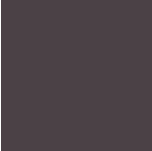
This preview shows how white text looks on a background with the Hex color 572F83.

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
4B4146

Trichromacy



Original Color
572F83

Protanomaly
203B88

Deuteranomaly
203D7D

Tritanomaly
4F3A5C

Monochromacy



Original Color
572F83

Achromatopsia
454545

Achromatomaly
4C3D5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 572F83 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 #572F83 looks like.

```
.text, #text, p{  
    color:#572F83  
}
```

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 #572F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #572F83
}
```

Border

The CSS property to change the border of an element to Hex 572F83 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".

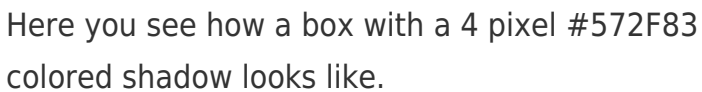
```
.border, #border, table{ border:4px solid
#572F83 }
```

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

```
.border{ border-color:#572F83 }
```

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

Here you see how a box with a 4 pixel #572F83 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #572F83; -webkit-box-shadow:4px 4px  
4px 4px #572F83; box-shadow:4px 4px 4px  
4px #572F83 }
```

Background

The CSS property to change the background color of an element to Hex 572F83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#572F83 }
```

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

```
.background{ background-color:#572F83 }
```

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