

Converting Colors

Hex(582C79)

Have a look what the booklet for
Hex(582C79) contains.

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Color

Hex(582C79)

Conversions

Conversions Part 1

Format	Color
Hex	582C79
RGB	88, 44, 121
RGB Percent	35%, 17%, 47%
CMY	0.6549, 0.8275, 0.5255
CMYK	0.27, 0.64, 0.00, 0.53
HSL	274°, 47%, 32%
HSV	274°, 64%, 47%
XYZ	8.3764, 5.2565, 18.6623
YIQ	65.9340, 1.5070, 33.2750

Conversions

Conversions Part 2

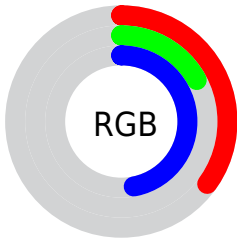
Format	Color
R_{YB}	88, 44, 121
Decimal	5778553
CIE _{Lab}	27.45, 35.21, -36.18
CIE _{LCh}	27, 50.480, 314.222
Yxy	5.2565, 0.2594, 0.1628
Android (android.graphics.Color)	4283968633 (0xFF582C79)
YUV	65.9340, 27.1475, 19.3519
Hunter-Lab	22.9272, 25.0919, -32.2120

Details

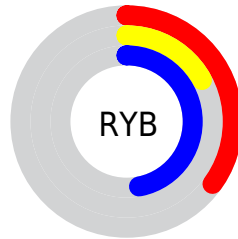
The Hex color **582C79** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4D792C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8C5CAE**, and **260048** is the 20% darker color. If you saturate the color by 10%, you get **532079**, and if you desaturate by 10%, it is **5D3879**.

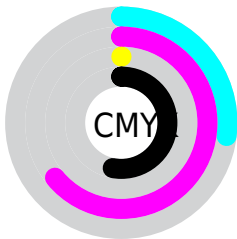
Distribution



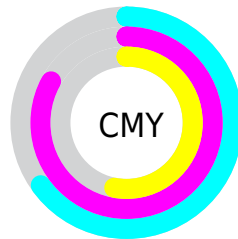
- Red (35%)
- Green (17%)
- Blue (47%)



- Red (35%)
- Yellow (17%)
- Blue (47%)



- Cyan (27%)
- Magenta (64%)
- Yellow (0%)
- Black (53%)



- Cyan (65%)
- Magenta (83%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 582C79 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 582C79 by changing the saturation by 10% instead.

■ 582C79

■ 582C79

FFFFFF

■ 3F1460

■ 8C5CAE

■ 260048

■ A876CA

■ 0F0031

■ C490E6

■ 00011B

■ E0ABFF

■ 000000

■ FDC6FF

■ FFE2FF

■ 582C79

■ 582C79

■ 532079

■ 5D3879

■ 4E1479

■ 624479

■ 480879

■ 685079

■ 450079

■ 6D5C79

■ 726879

■ 777579

■ 7C8179

■ 818D79

■ 879979

Harmonies

Analogous

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



00408D



582C79



7A1257

Triad

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



582C79



613700



005153

Complementary

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



582C79



4D792C

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.



00502A



582C79



404500

Square

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



582C79



79230A



074C00



005077

Rectangle

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



582C79



83063D



074C00



005145

Sweetspot

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



582C79



91809E



2C4D79



473D4F



CFCFCF



4F4F4F

Same Dimension

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



582C79



6B269E



792C74



3B373D



47007D



9000FC

Inverse Universe

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



792C4D



9E2659



2C7931



3D373A



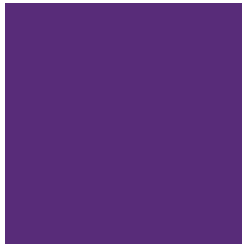
7D0036



FC006C

Previews

White Background



This preview shows how the Hex color 582C79 looks on a white background.

Color Contrast Check

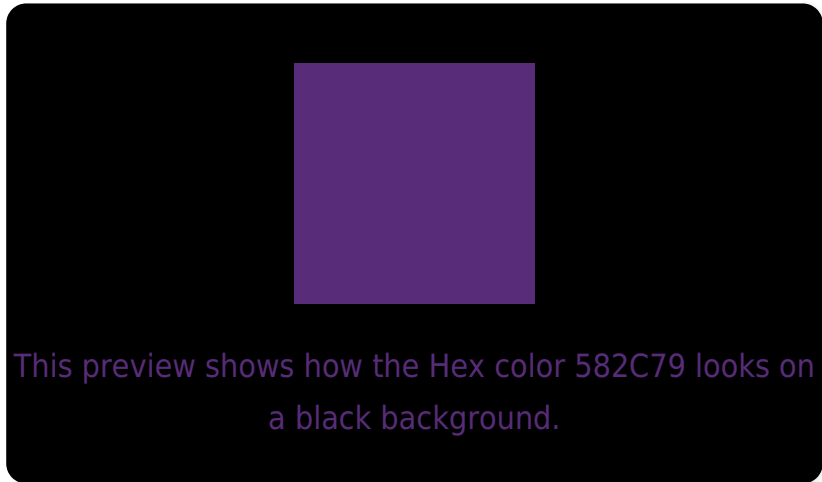
Large Text (above 18pt) WCAG AA ✓ Pass

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

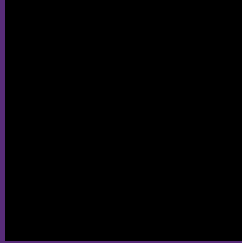
Any Text WCAG AA × Fail

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 582C79 Background



This preview shows how black text looks on a background with the Hex color 582C79.



This preview shows how white text looks on a background with the Hex color 582C79.

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
582C79

Protanopia
003F86

Deuteranopia
114275



Tritanopia
4E3D41

Trichromacy



Original Color
582C79

Protanomaly
203881

Deuteranomaly
2B3A76

Tritanomaly
523755

Monochromacy



Original Color
582C79

Achromatopsia
424242

Achromatomaly
4A3A56

CSS Examples

Text

The CSS property to change the color of the text to Hex 582C79 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 #582C79 looks like.

```
.text, #text, p{  
    color:#582C79  
}
```

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 #582C79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #582C79
}
```

Border

The CSS property to change the border of an element to Hex 582C79 is called "border". The border property can be set on classes, ids or directly on the HTML element.

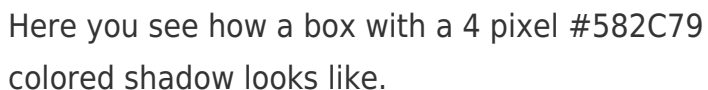
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#582C79 }
```

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

```
.border{ border-color:#582C79 }
```

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



Here you see how a box with a 4 pixel #582C79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #582C79; -webkit-box-shadow:4px 4px  
4px 4px #582C79; box-shadow:4px 4px 4px  
4px #582C79 }
```

Background

The CSS property to change the background color of an element to Hex 582C79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#582C79 }
```

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

```
.background{ background-color:#582C79 }
```

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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