

Converting Colors

Hex(5B2A70)

Have a look what the booklet for
Hex(5B2A70) contains.

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Color

Hex(5B2A70)

Conversions

Conversions Part 1

Format	Color
Hex	5B2A70
RGB	91, 42, 112
RGB Percent	36%, 16%, 44%
CMY	0.6431, 0.8353, 0.5608
CMYK	0.19, 0.63, 0.00, 0.56
HSL	282°, 45%, 30%
HSV	282°, 63%, 44%
XYZ	8.0670, 5.0499, 15.8788
YIQ	64.6310, 6.7340, 32.1580

Conversions

Conversions Part 2

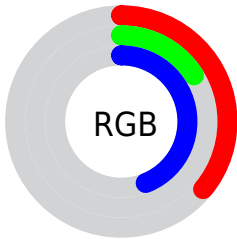
Format	Color
R_{YB}	91, 42, 112
Decimal	5974640
CIE _{Lab}	26.88, 34.92, -31.35
CIE _{LCh}	27, 46.926, 318.086
Yxy	5.0499, 0.2782, 0.1742
Android (android.graphics.Color)	4284164720 (0xFF5B2A70)
YUV	64.6310, 23.3529, 23.1256
Hunter-Lab	22.4720, 24.7516, -26.1640

Details

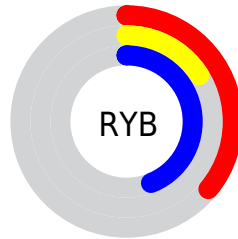
The Hex color **5B2A70** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3F702A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **8F5AA4**, and **2A0040** is the 20% darker color. If you saturate the color by 10%, you get **581F70**, and if you desaturate by 10%, it is **5E3570**.

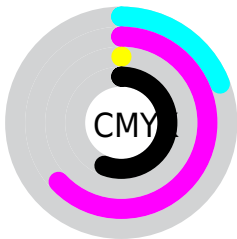
Distribution



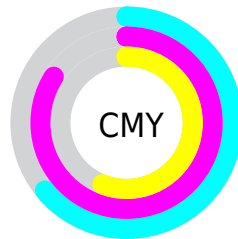
- Red (36%)
- Green (16%)
- Blue (44%)



- Red (36%)
- Yellow (16%)
- Blue (44%)



- Cyan (19%)
- Magenta (63%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (84%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2A70 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 5B2A70 by changing the saturation by 10% instead.

■ 5B2A70

■ 5B2A70

FFFFFF

■ 421257

■ 8F5AA4

■ 2A0040

■ AA74C0

■ 130029

■ C68EDC

■ 000113

■ E3A9F8

■ 000000

■ FFC4FF

■ FFE0FF

■ FFFDFF

■ 5B2A70

■ 5B2A70

■ 581F70

■ 5E3570

■ 541470

■ 624070

■ 510870

■ 654C70

■ 4E0070

■ 685770

■ 6C6270

■ 6F6D70

■ 737870

■ 768470

■ 798F70

Harmonies

Analogous

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



0F3C84



5B2A70



77154F

Triad

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



5B2A70



5B3900



004F55

Complementary

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



5B2A70



3F702A

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.



004E2F



5B2A70



3B4400

Square

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



5B2A70



722708



004B07



004E75

Rectangle

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



5B2A70



7D1037



004B07



004F49

Sweetspot

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



5B2A70



897691



2A3F70



45394A



C9C9C9



4A4A4A

Same Dimension

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



5B2A70



712491



702A62



363238



540078



AD00F7

Inverse Universe

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



702A3F



912445



2A7038



383234



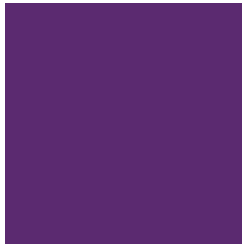
780024



F7004A

Previews

White Background



This preview shows how the Hex color 5B2A70 looks on a white background.

Color Contrast Check

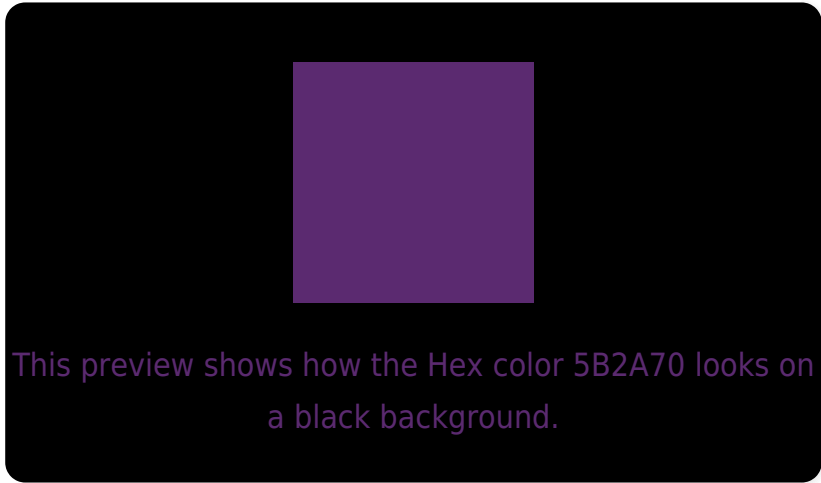
Large Text (above 18pt) WCAG AA ✓ Pass

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

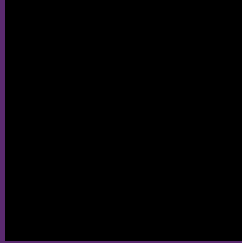
Any Text WCAG AA × Fail

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 5B2A70 Background



This preview shows how black text looks on a background with the Hex color 5B2A70.

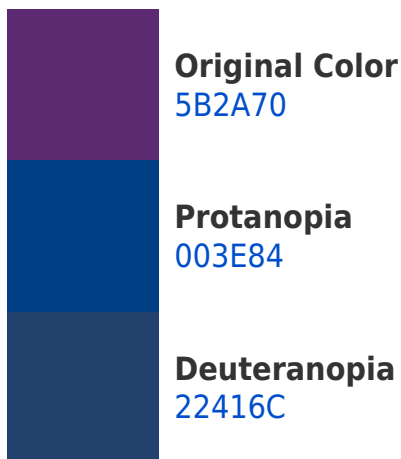



This preview shows how white text looks on a background with the Hex color 5B2A70.

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
53393D

Trichromacy



Original Color
5B2A70



Protanomaly
21377D



Deuteranomaly
37396D



Tritanomaly
563450

Monochromacy



Original Color
5B2A70



Achromatopsia
414141



Achromatomaly
4A3952

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2A70 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 #5B2A70 looks like.

```
.text, #text, p{  
    color:#5B2A70  
}
```

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 #5B2A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2A70  
}
```

Border

The CSS property to change the border of an element to Hex 5B2A70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

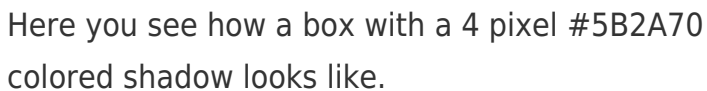
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5B2A70 }
```

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

```
.border{ border-color:#5B2A70 }
```

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



Here you see how a box with a 4 pixel #5B2A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2A70; -webkit-box-shadow:4px 4px  
4px 4px #5B2A70; box-shadow:4px 4px 4px  
4px #5B2A70 }
```

Background

The CSS property to change the background color of an element to Hex 5B2A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2A70 }
```

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

```
.background{ background-color:#5B2A70 }
```

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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