

Converting Colors

Hex(5B224A)

Have a look what the booklet for
Hex(5B224A) contains.

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Color

Hex(5B224A)

Conversions

Conversions Part 1

Format	Color
Hex	5B224A
RGB	91, 34, 74
RGB Percent	36%, 13%, 29%
CMY	0.6431, 0.8667, 0.7098
CMYK	0.00, 0.63, 0.19, 0.64
HSL	318°, 46%, 25%
HSV	318°, 63%, 36%
XYZ	6.1224, 3.8626, 6.9014
YIQ	55.6030, 21.1320, 24.5240

Conversions

Conversions Part 2

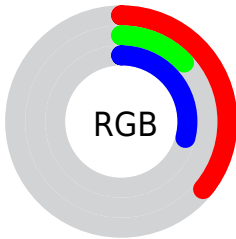
Format	Color
R_{YB}	91, 34, 74
Decimal	5972554
CIE _{Lab}	23.21, 31.41, -12.14
CIE _{LCh}	23, 33.677, 338.878
Yxy	3.8626, 0.3626, 0.2287
Android (android.graphics.Color)	4284162634 (0xFF5B224A)
YUV	55.6030, 9.0697, 31.0432
Hunter-Lab	19.6535, 21.2124, -7.0625

Details

The Hex color **5B224A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **225B33**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **8F527B**, and **2C001E** is the 20% darker color. If you saturate the color by 10%, you get **5B1947**, and if you desaturate by 10%, it is **5B2B4D**.

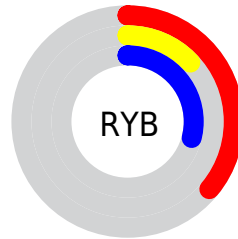
Distribution



Red (36%)

Green (13%)

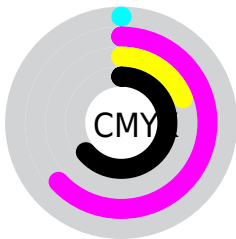
Blue (29%)



Red (36%)

Yellow (13%)

Blue (29%)

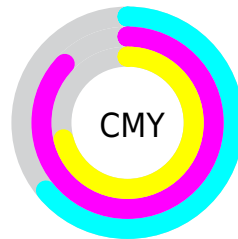


Cyan (0%)

Magenta (63%)

Yellow (19%)

Black (64%)



Cyan (64%)

Magenta (87%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B224A 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 5B224A by changing the saturation by 10% instead.

 5B224A

 5B224A

FFFFFF

 420933

 8F527B

 2C001E

 AA6B95

 050001

 C685AF

 000000

 E29FCB

 FFBBE7

 FFD7FF

 FFF3FF

 5B224A

 5B224A

■ 5B1947

■ 5B2B4D

■ 5B1045

■ 5B344F

■ 5B0742

■ 5B3D52

■ 5B0040

■ 5B4655

■ 5B5058

■ 5B595A

■ 5B625D

■ 5B6B60

■ 5B7462

Harmonies

Analogous

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



422D5F



5B224A



641E31

Triad

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



5B224A



3D3900



004256

Complementary

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



5B224A



225B33

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.



00433E



5B224A



213F0C

Square

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



5B224A



522F03



004224



003F66

Rectangle

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



5B224A



632121



004224



00434F

Sweetspot

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



5B224A



755F6F



32225B



3B2D37



BABABA



3B3B3B

Same Dimension

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



5B224A



751D5B



5B222E



2E292D



6E004D



ED00A6

Inverse Universe

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



5B224A



751D5B



225B4F



2E292D



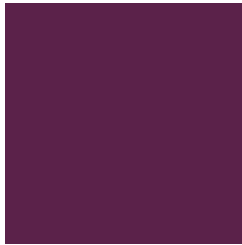
6E004D



ED00A6

Previews

White Background



This preview shows how the Hex color 5B224A looks on a white background.

Color Contrast Check

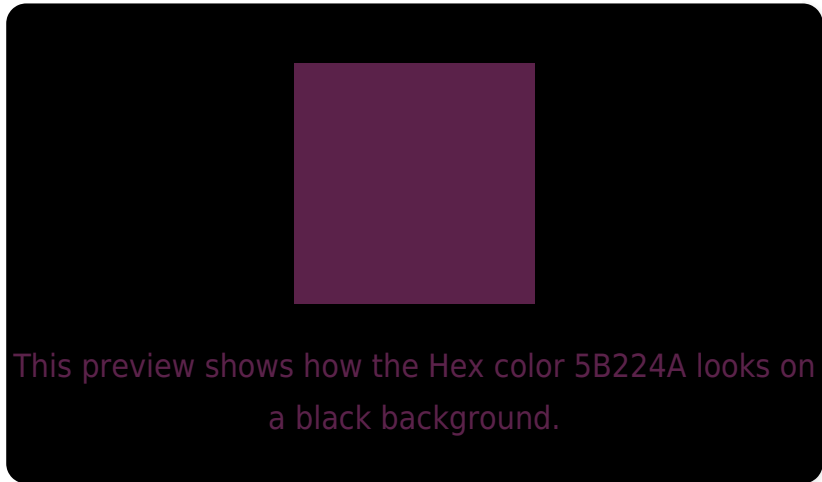
Large Text (above 18pt) WCAG AA ✓ Pass

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

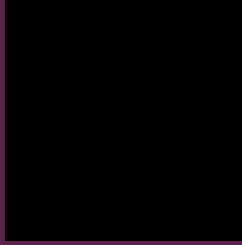
Any Text WCAG AA × Fail

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 5B224A Background



This preview shows how black text looks on a background with the Hex color 5B224A.



This preview shows how white text looks on a background with the Hex color 5B224A.

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
5B224A

Protanopia
2B375B

Deuteranopia
363747



Tritanopia
582A2C

Trichromacy



Original Color
5B224A

Protanomaly
3C2F55

Deuteranomaly
432F48

Tritanomaly
592737

Monochromacy



Original Color
5B224A

Achromatopsia
383838

Achromatomaly
45303F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B224A 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 #5B224A looks like.

```
.text, #text, p{  
    color:#5B224A  
}
```

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 #5B224A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B224A
}
```

Border

The CSS property to change the border of an element to Hex 5B224A is called "border". The border property can be set on classes, ids or directly on the HTML element.

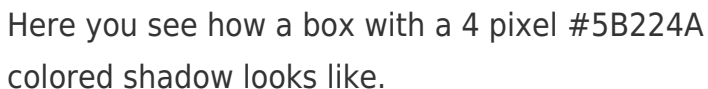
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B224A }
```

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

```
.border{ border-color:#5B224A }
```

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



Here you see how a box with a 4 pixel #5B224A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B224A; -webkit-box-shadow:4px 4px  
4px 4px #5B224A; box-shadow:4px 4px 4px  
4px #5B224A }
```

Background

The CSS property to change the background color of an element to Hex 5B224A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B224A }
```

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

```
.background{ background-color:#5B224A }
```

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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