

Converting Colors

Hex(5A2B50)

Have a look what the booklet for
Hex(5A2B50) contains.

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Color

Hex(5A2B50)

Conversions

Conversions Part 1

Format	Color
Hex	5A2B50
RGB	90, 43, 80
RGB Percent	35%, 17%, 31%
CMY	0.6471, 0.8314, 0.6863
CMYK	0.00, 0.52, 0.11, 0.65
HSL	313°, 35%, 26%
HSV	313°, 52%, 35%
XYZ	6.5283, 4.4806, 8.1102
YIQ	61.2710, 16.1350, 21.4710

Conversions

Conversions Part 2

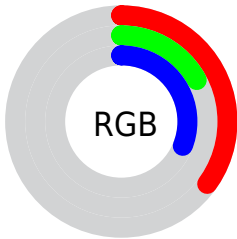
Format	Color
RYB	90, 43, 80
Decimal	5909328
CIELab	25.20, 27.18, -13.11
CIElCh	25, 30.176, 334.240
Yxy	4.4806, 0.3415, 0.2344
Android (android.graphics.Color)	4284099408 (0xFF5A2B50)
YUV	61.2710, 9.2334, 25.1953
Hunter-Lab	21.1674, 18.0086, -7.8994




Details

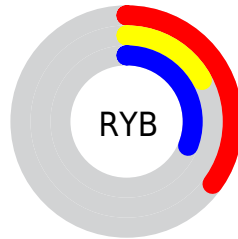
The Hex color **5A2B50** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2B5A35**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **8D5A81**, and **2B0023** is the 20% darker color. If you saturate the color by 10%, you get **5A224E**, and if you desaturate by 10%, it is **5A3452**.

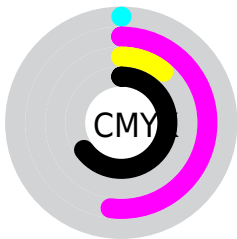
Distribution







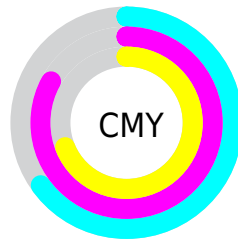
-  Red (35%)
-  Green (17%)
-  Blue (31%)






-  Red (35%)
-  Yellow (17%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (52%)
-  Yellow (11%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (83%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A2B50 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 5A2B50 by changing the saturation by 10% instead.

 5A2B50

 5A2B50

FFFFFF

 421439

 8D5A81

 2B0023

 A8749B

 0B000C

 C48DB6

 000000

 E0A8D2

 FDC4EE

 FFE0FF

 FFFDFD

 5A2B50

 5A2B50

■ 5A224E

■ 5A3452

■ 5A194C

■ 5A3D54

■ 5A104A

■ 5A4656

■ 5A0748

■ 5A4F58

■ 5A0047

■ 5A585A

■ 5A615B

■ 5A6A5D

■ 5A735F

■ 5A7C61

Harmonies

Analogous

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



413462



5A2B50



652739

Triad

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



5A2B50



453C0A



004655

Complementary

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



5A2B50



2B5A35

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.



00473E



5A2B50



2D4213

Square

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



5A2B50



573312



064527



004365

Rectangle

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



5A2B50



65282A



064527



00474E

Sweetspot

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



5A2B50



756371



342B5A



3B3038



BABABA



3B3B3B

Same Dimension

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



5A2B50



752B66



5A2B39



2E292D



6E0056



ED00BB

Inverse Universe

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



5A2B50



752B66



2B5A4C



2E292D



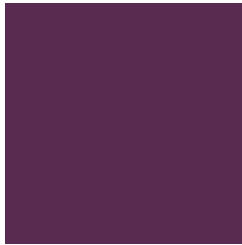
6E0056



ED00BB

Previews

White Background



This preview shows how the Hex color 5A2B50 looks on a white background.

Color Contrast Check

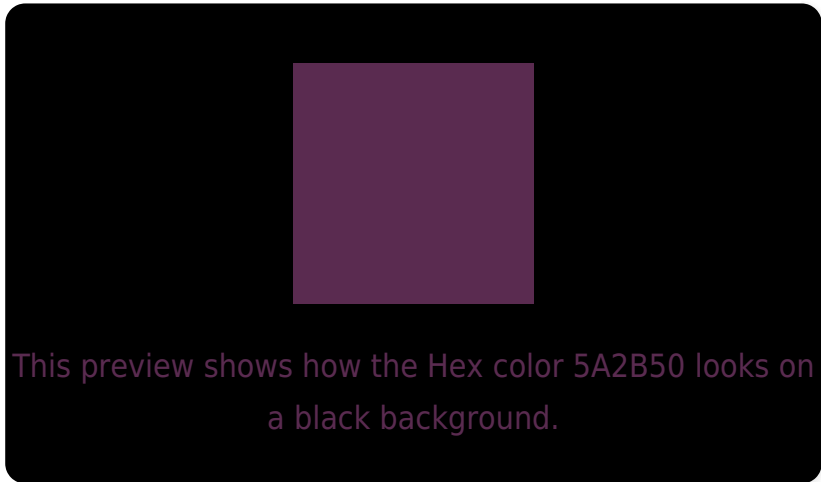
Large Text (above 18pt) WCAG AA ✓ Pass

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

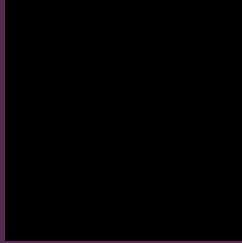
Any Text WCAG AA × Fail

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 5A2B50 Background



This preview shows how black text looks on a background with the Hex color 5A2B50.



This preview shows how white text looks on a background with the Hex color 5A2B50.

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
5A2B50

Protanopia
303B5D

Deuteranopia
393B4D



Tritanopia
573135

Trichromacy



Original Color
5A2B50

Protanomaly
3F3558

Deuteranomaly
45354E

Tritanomaly
582F3F

Monochromacy



Original Color
5A2B50

Achromatopsia
3D3D3D

Achromatomaly
483644

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A2B50 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 #5A2B50 looks like.

```
.text, #text, p{  
    color:#5A2B50  
}
```

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 #5A2B50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2B50
}
```

Border

The CSS property to change the border of an element to Hex 5A2B50 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
#5A2B50 }
```

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

```
.border{ border-color:#5A2B50 }
```

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

Here you see how a box with a 4 pixel #5A2B50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2B50; -webkit-box-shadow:4px 4px  
4px 4px #5A2B50; box-shadow:4px 4px 4px  
4px #5A2B50 }
```

Background

The CSS property to change the background color of an element to Hex 5A2B50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2B50 }
```

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

```
.background{ background-color:#5A2B50 }
```

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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