

# Converting Colors

Hex(5A2D4B)

Have a look what the booklet for  
Hex(5A2D4B) contains.

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**Color**

**Hex(5A2D4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A2D4B
RGB	90, 45, 75
RGB Percent	35%, 18%, 29%
CMY	0.6471, 0.8235, 0.7059
CMYK	0.00, 0.50, 0.17, 0.65
HSL	320°, 33%, 26%
HSV	320°, 50%, 35%
XYZ	6.4248, 4.5584, 7.1978
YIQ	61.8750, 17.1900, 18.8700

# Conversions

## Conversions Part 2

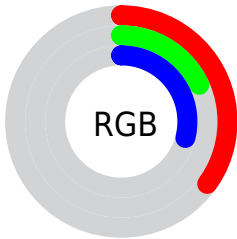
Format	Color
<b>RYB</b>	90, 45, 75
Decimal	5909835
CIELab	25.44, 25.07, -9.42
CIELCh	25, 26.780, 339.397
Yxy	4.5584, 0.3534, 0.2507
Android (android.graphics.Color)	4284099915 (0xFF5A2D4B)
YUV	61.8750, 6.4706, 24.6656
Hunter-Lab	21.3505, 16.3513, -5.0430

# Details

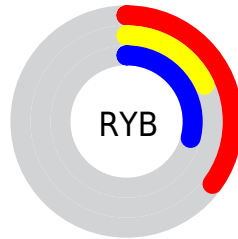
The Hex color **5A2D4B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2D5A3C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **8D5C7C**, and **2B001F** is the 20% darker color. If you saturate the color by 10%, you get **5A2448**, and if you desaturate by 10%, it is **5A364E**.

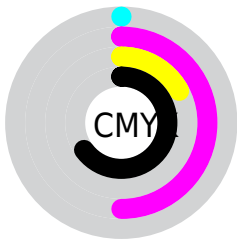
# Distribution



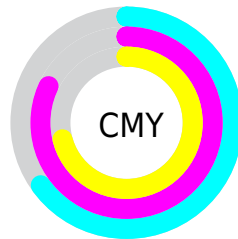
- Red (35%)
- Green (18%)
- Blue (29%)



- Red (35%)
- Yellow (18%)
- Blue (29%)



- Cyan (0%)
- Magenta (50%)
- Yellow (17%)
- Black (65%)



- Cyan (65%)
- Magenta (82%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A2D4B 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 5A2D4B by changing the saturation by 10% instead.



■ 5A2D4B

■ 5A2D4B

FFFFFF

■ 421634

■ 8D5C7C

■ 2B001F

■ A87596

■ 0C0004

■ C48FB0

■ 000000

■ E0AACC

■ FDC6E8

■ FFE2FF

■ 5A2D4B

■ 5A2D4B

■ 5A2448

■ 5A364E

■ 5A1B45

■ 5A3F51

■ 5A1242

■ 5A4854

■ 5A093F

■ 5A5157

■ 5A003C

■ 5A5A5A

■ 5A635D

■ 5A6C60

■ 5A7563

■ 5A7E66

# Harmonies

## Analogous

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



46345C



5A2D4B



622B37

# Triad

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



5A2D4B



423D12



004655

# Complementary

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



5A2D4B



2D5A3C

# 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.



004642



5A2D4B



2C421C

# Square

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



5A2D4B



533616



0A452D



004262

# Rectangle

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



5A2D4B



612D2A



0A452D



004650



# Sweetspot

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



5A2D4B



75646F



3C2D5A



3B3037



BABABA



3B3B3B



# Same Dimension

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



5A2D4B



752F5E



5A2D35



2E292C



6E0049



ED009E



# Inverse Universe

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



5A2D4B



752F5E



2D5A52



2E292C



6E0049

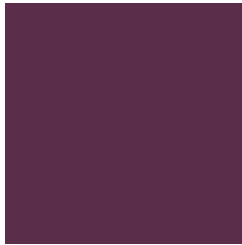


ED009E



# Previews

## White Background



This preview shows how the Hex color 5A2D4B looks on a white background.

## Color Contrast Check

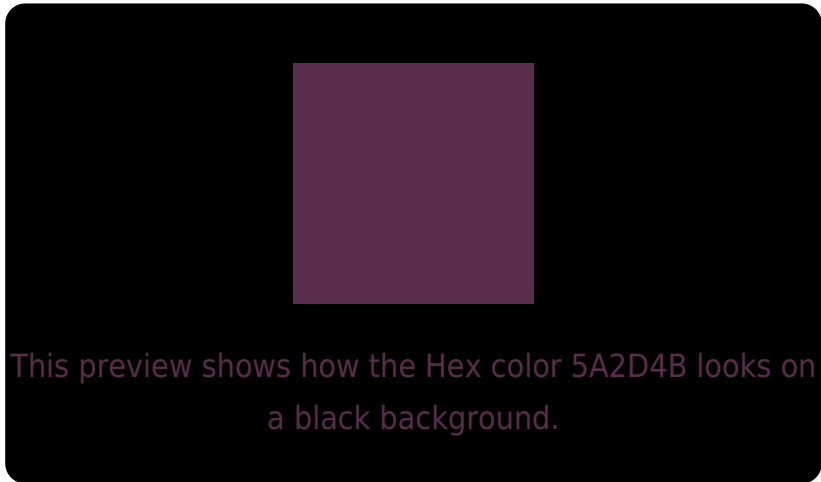
Large Text (above 18pt) WCAG AA ✓ Pass

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

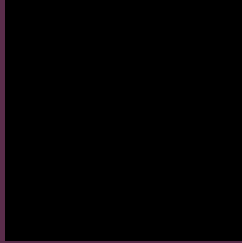
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A2D4B Background



This preview shows how black text looks on a background with the Hex color 5A2D4B.



This preview shows how white text looks on a background with the Hex color 5A2D4B.

# 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**  
5A2D4B

**Protanopia**  
353C56

**Deuteranopia**  
3D3C49



**Tritanopia**  
583235

# Trichromacy



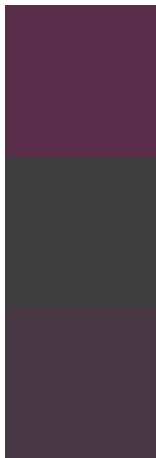
**Original Color**  
5A2D4B

**Protanomaly**  
423752

**Deuteranomaly**  
48374A

**Tritanomaly**  
59303D

# Monochromacy



**Original Color**  
5A2D4B

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
483843

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A2D4B 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 #5A2D4B looks like.

```
.text, #text, p{  
    color:#5A2D4B  
}
```

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 #5A2D4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2D4B
}
```

## Border

The CSS property to change the border of an element to Hex 5A2D4B 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".

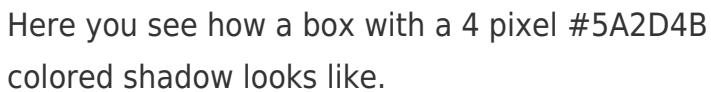
```
.border, #border, table{ border:4px solid
#5A2D4B }
```

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

```
.border{ border-color:#5A2D4B }
```

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

Here you see how a box with a 4 pixel #5A2D4B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2D4B; -webkit-box-shadow:4px 4px  
4px 4px #5A2D4B; box-shadow:4px 4px 4px  
4px #5A2D4B }
```

# Background

The CSS property to change the background color of an element to Hex 5A2D4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2D4B }
```

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

```
.background{ background-color:#5A2D4B }
```

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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