

Converting Colors

Hex(5B274D)

Have a look what the booklet for
Hex(5B274D) contains.

Hex(5B274D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B274D)

Conversions

Conversions Part 1

Format	Color
Hex	5B274D
RGB	91, 39, 77
RGB Percent	36%, 15%, 30%
CMY	0.6431, 0.8471, 0.6980
CMYK	0.00, 0.57, 0.15, 0.64
HSL	316°, 40%, 25%
HSV	316°, 57%, 36%
XYZ	6.3795, 4.2110, 7.4977
YIQ	58.8800, 18.7940, 22.8420

Conversions

Conversions Part 2

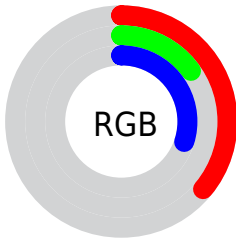
Format	Color
RYB	91, 39, 77
Decimal	5973837
CIELab	24.36, 29.24, -12.39
CIELCh	24, 31.763, 337.031
Yxy	4.2110, 0.3527, 0.2328
Android (android.graphics.Color)	4284163917 (0xFF5B274D)
YUV	58.8800, 8.9332, 28.1692
Hunter-Lab	20.5207, 19.5805, -7.2985

Details

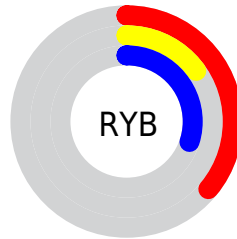
The Hex color **5B274D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **275B35**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8F577E**, and **2C0021** is the 20% darker color. If you saturate the color by 10%, you get **5B1E4B**, and if you desaturate by 10%, it is **5B304F**.

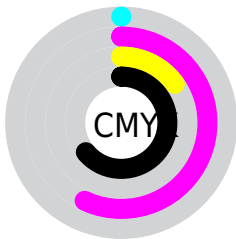
Distribution



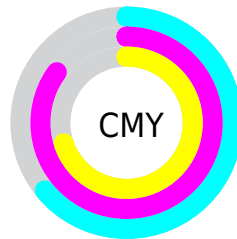
- Red (36%)
- Green (15%)
- Blue (30%)



- Red (36%)
- Yellow (15%)
- Blue (30%)



- Cyan (0%)
- Magenta (57%)
- Yellow (15%)
- Black (64%)



- Cyan (64%)
- Magenta (85%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B274D 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 5B274D by changing the saturation by 10% instead.

 5B274D

 5B274D

FFFFFF

 420F36

 8F577E

 2C0021

 AA7098

 0A0007

 C58AB3

 000000

 E2A4CE

 FFC0EB

 FFD0FF

 FFF8FF

 5B274D

 5B274D

■ 5B1E4B

■ 5B304F

■ 5B1548

■ 5B3952

■ 5B0C46

■ 5B4254

■ 5B0343

■ 5B4B57

■ 5B0042

■ 5B5559

■ 5B5E5C

■ 5B675E

■ 5B7061

■ 5B7963

Harmonies

Analogous

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



423160



5B274D



652335

Triad

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



5B274D



413B04



004556

Complementary

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



5B274D



275B35

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.



00453F



5B274D



284111

Square

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



5B274D



55320C



004426



004166

Rectangle

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



5B274D



642626



004426



00454F

Sweetspot

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



5B274D



756170



35275B



3B2F37



BABABA



3B3B3B

Same Dimension

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



5B274D



752460



5B2733



2E292D



6E0050



ED00AD

Inverse Universe

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



5B274D



752460



275B4F



2E292D



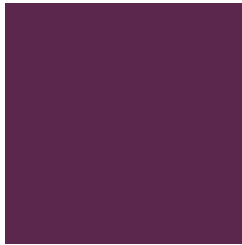
6E0050



ED00AD

Previews

White Background



This preview shows how the Hex color 5B274D looks on a white background.

Color Contrast Check

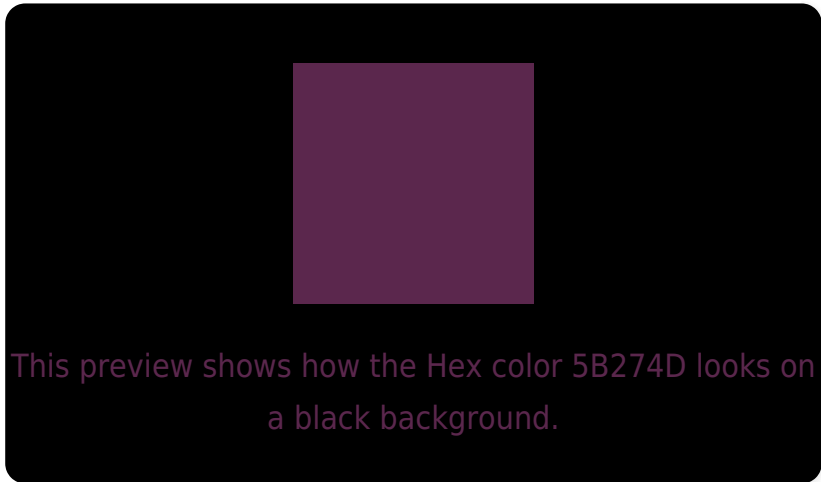
Large Text (above 18pt) WCAG AA ✓ Pass

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

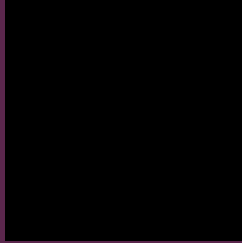
Any Text WCAG AA × Fail

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 5B274D Background



This preview shows how black text looks on a background with the Hex color 5B274D.



This preview shows how white text looks on a background with the Hex color 5B274D.

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
5B274D

Protanopia
2E3A5C

Deuteranopia
383A4A



Tritanopia
582E31

Trichromacy



Original Color
5B274D

Protanomaly
3E3357

Deuteranomaly
45334B

Tritanomaly
592B3B

Monochromacy



Original Color
5B274D

Achromatopsia
3B3B3B

Achromatomaly
473442

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B274D 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 #5B274D looks like.

```
.text, #text, p{  
    color:#5B274D  
}
```

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 #5B274D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B274D
}
```

Border

The CSS property to change the border of an element to Hex 5B274D is called "border". The border property can be set on classes, ids or directly on the HTML element.

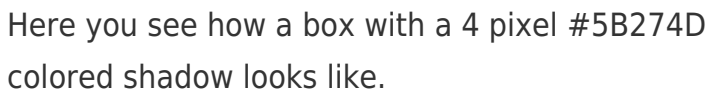
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B274D }
```

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

```
.border{ border-color:#5B274D }
```

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



Here you see how a box with a 4 pixel #5B274D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B274D; -webkit-box-shadow:4px 4px  
4px 4px #5B274D; box-shadow:4px 4px 4px  
4px #5B274D }
```

Background

The CSS property to change the background color of an element to Hex 5B274D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B274D }
```

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

```
.background{ background-color:#5B274D }
```

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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