

Converting Colors

Hex(5D1C49)

Have a look what the booklet for
Hex(5D1C49) contains.

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Color

Hex(5D1C49)

Conversions

Conversions Part 1

Format	Color
Hex	5D1C49
RGB	93, 28, 73
RGB Percent	36%, 11%, 29%
CMY	0.6353, 0.8902, 0.7137
CMYK	0.00, 0.70, 0.22, 0.64
HSL	318°, 54%, 24%
HSV	318°, 70%, 36%
XYZ	6.1321, 3.6387, 6.6825
YIQ	52.5650, 24.2950, 27.7750

Conversions

Conversions Part 2

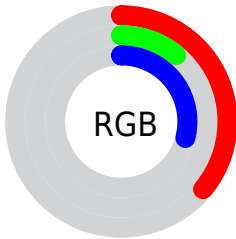
Format	Color
RYB	93, 28, 73
Decimal	6102089
CIELab	22.44, 34.85, -12.62
CIELCh	22, 37.063, 340.100
Yxy	3.6387, 0.3727, 0.2212
Android (android.graphics.Color)	4284292169 (0xFF5D1C49)
YUV	52.5650, 10.0745, 35.4615
Hunter-Lab	19.0754, 23.9994, -7.4177

Details

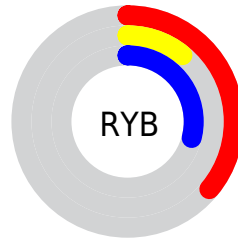
The Hex color **5D1C49** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1C5D30**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **924D7A**, and **2D001E** is the 20% darker color. If you saturate the color by 10%, you get **5D1346**, and if you desaturate by 10%, it is **5D254C**.

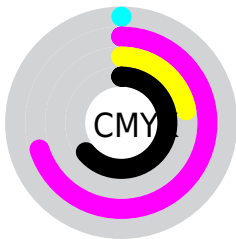
Distribution



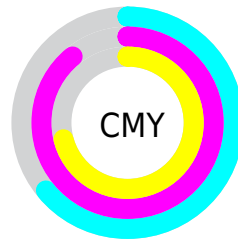
- Red (36%)
- Green (11%)
- Blue (29%)



- Red (36%)
- Yellow (11%)
- Blue (29%)



- Cyan (0%)
- Magenta (70%)
- Yellow (22%)
- Black (64%)



- Cyan (64%)
- Magenta (89%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D1C49 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 5D1C49 by changing the saturation by 10% instead.



5D1C49



5D1C49

FFFFFF



440132



924D7A



2D001E



AD6693



060000



C980AE



000000



E69BCA



FFB6E6



FFD2FF



FFEEFF



5D1C49



5D1C49

■ 5D1346

■ 5D254C

■ 5D0943

■ 5D2F4F

■ 5D0040

■ 5D3852

■ 5D4154

■ 5D4A57

■ 5D545A

■ 5D5D5D

■ 5D6660

■ 5D7063

Harmonies

Analogous

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



422A60



5D1C49



66172E

Triad

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



5D1C49



3A3700



004159

Complementary

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



5D1C49



1C5D30

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.



00423F



5D1C49



1B3E05

Square

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



5D1C49



512D00



004122



003E6A

Rectangle

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



5D1C49



641C1C



004122



004251

Sweetspot

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



5D1C49



785F70



2F1C5D



3D2E38



BDBDBD



3D3D3D

Same Dimension

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



5D1C49



781359



5D1C29



2E292C



6E004C



ED00A4

Inverse Universe

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



5D1C49



781359



1C5D50



2E292C



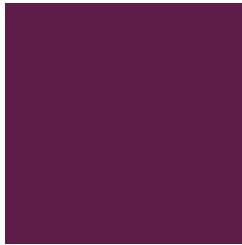
6E004C



ED00A4

Previews

White Background



This preview shows how the Hex color 5D1C49 looks on a white background.

Color Contrast Check

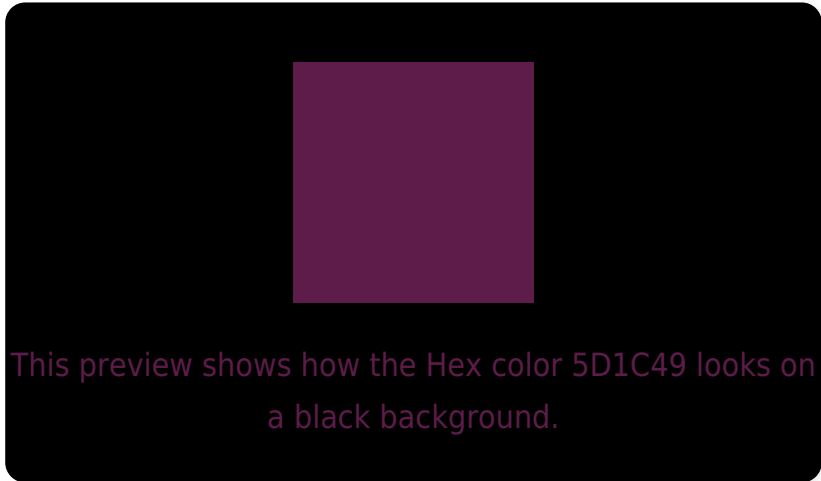
Large Text (above 18pt) WCAG AA ✓ Pass

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

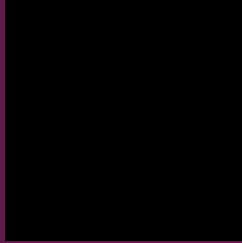
Any Text WCAG AA × Fail

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 5D1C49 Background



This preview shows how black text looks on a background with the Hex color 5D1C49.



This preview shows how white text looks on a background with the Hex color 5D1C49.

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
5D1C49

Protanopia
26365D

Deuteranopia
353645



Tritanopia
5A2628

Trichromacy



Original Color
5D1C49

Protanomaly
3A2D56

Deuteranomaly
442D46

Tritanomaly
5B2234

Monochromacy



Original Color
5D1C49

Achromatopsia
353535

Achromatomaly
442C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D1C49 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 #5D1C49 looks like.

```
.text, #text, p{  
    color:#5D1C49  
}
```

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 #5D1C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D1C49
}
```

Border

The CSS property to change the border of an element to Hex 5D1C49 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".

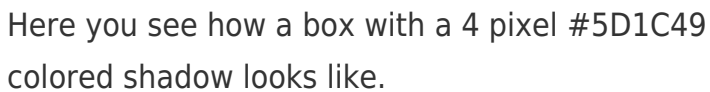
```
.border, #border, table{ border:4px solid
#5D1C49 }
```

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

```
.border{ border-color:#5D1C49 }
```

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

Here you see how a box with a 4 pixel #5D1C49 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangle that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D1C49; -webkit-box-shadow:4px 4px  
4px 4px #5D1C49; box-shadow:4px 4px 4px  
4px #5D1C49 }
```

Background

The CSS property to change the background color of an element to Hex 5D1C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D1C49 }
```

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

```
.background{ background-color:#5D1C49 }
```

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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