

Converting Colors

Hex(5D3C6A)

Have a look what the booklet for
Hex(5D3C6A) contains.

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Color

Hex(5D3C6A)

Conversions

Conversions Part 1

Format	Color
Hex	5D3C6A
RGB	93, 60, 106
RGB Percent	36%, 24%, 42%
CMY	0.6353, 0.7647, 0.5843
CMYK	0.12, 0.43, 0.00, 0.58
HSL	283°, 28%, 33%
HSV	283°, 43%, 42%
XYZ	8.7316, 6.5995, 14.4493
YIQ	75.1110, 4.9020, 21.3020

Conversions

Conversions Part 2

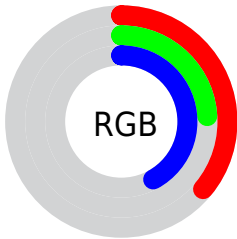
Format	Color
RYB	93, 60, 106
Decimal	6110314
CIELab	30.88, 23.55, -21.19
CIElCh	31, 31.682, 318.020
Yxy	6.5995, 0.2932, 0.2216
Android (android.graphics.Color)	4284300394 (0xFF5D3C6A)
YUV	75.1110, 15.2283, 15.6887
Hunter-Lab	25.6895, 15.7137, -15.3656

Details

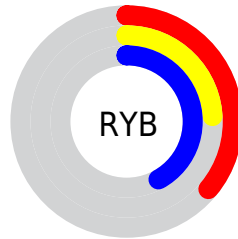
The Hex color **5D3C6A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **496A3C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **906C9E**, and **2D103A** is the 20% darker color. If you saturate the color by 10%, you get **5A316A**, and if you desaturate by 10%, it is **60476A**.

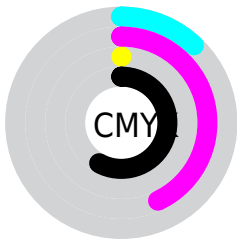
Distribution



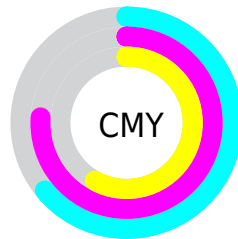
- Red (36%)
- Green (24%)
- Blue (42%)



- Red (36%)
- Yellow (24%)
- Blue (42%)



- Cyan (12%)
- Magenta (43%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (76%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3C6A 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 5D3C6A by changing the saturation by 10% instead.

■ 5D3C6A

■ 5D3C6A

FFFFFF

■ 452552

■ 906C9E

■ 2D103A

■ AB86B9

■ 1C0025

■ C7A0D4

■ 00010D

■ E3BBF1

■ 000000

■ FFD7FF

■ FFF4FF

■ 5D3C6A

■ 5D3C6A

■ 5A316A

■ 60476A

■ 57276A

■ 63516A

■ 541C6A

■ 665C6A

■ 51126A

■ 69666A

■ 4E076A

■ 6C716A

■ 4C006A

■ 6F7C6A

■ 72866A

■ 75916A

■ 789B6A

Harmonies

Analogous

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



384678



5D3C6A



713454

Triad

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



5D3C6A



5F4416



005557

Complementary

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



5D3C6A



496A3C

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.



00543E



5D3C6A



484C16

Square

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



5D3C6A



6F3A25



2B5126



00536D

Rectangle

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



5D3C6A



763343



2B5126



00554F

Sweetspot

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



5D3C6A



85788A



3C496A



423A45



C4C4C4



454545

Same Dimension

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



5D3C6A



75428A



6A3C60



343036



540075



B000F5

Inverse Universe

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



6A3C49



8A4256



3C6A46



363032



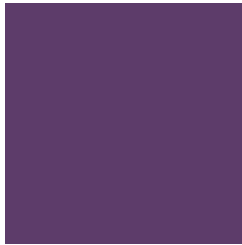
750021



F50045

Previews

White Background



This preview shows how the Hex color 5D3C6A looks on a white background.

Color Contrast Check

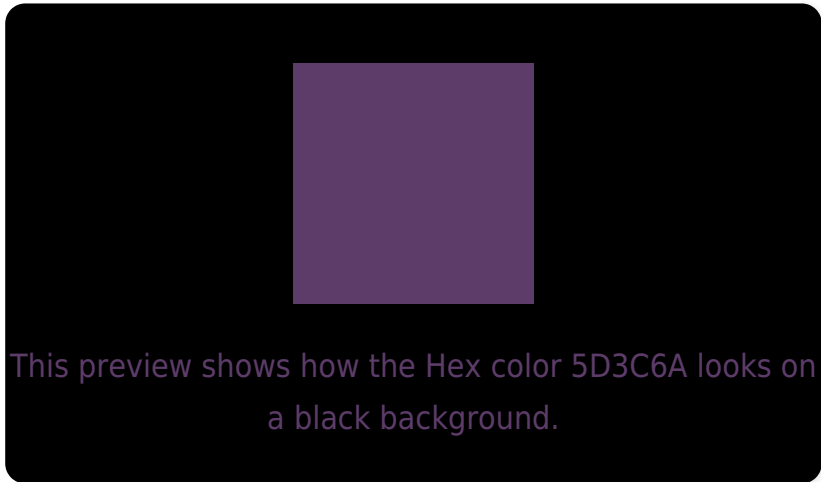
Large Text (above 18pt) WCAG AA ✓ Pass

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

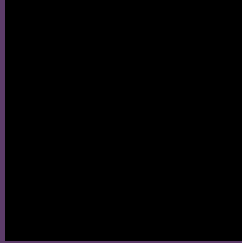
Any Text WCAG AA × Fail

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 5D3C6A Background



This preview shows how black text looks on a background with the Hex color 5D3C6A.



This preview shows how white text looks on a background with the Hex color 5D3C6A.

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
5D3C6A

Protanopia
384874

Deuteranopia
3E4868



Tritanopia
584349

Trichromacy



Original Color
5D3C6A

Protanomaly
454470

Deuteranomaly
494469

Tritanomaly
5A4055

Monochromacy



Original Color
5D3C6A

Achromatopsia
4B4B4B

Achromatomaly
524656

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3C6A 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 #5D3C6A looks like.

```
.text, #text, p{  
    color:#5D3C6A  
}
```

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 #5D3C6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3C6A
}
```

Border

The CSS property to change the border of an element to Hex 5D3C6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

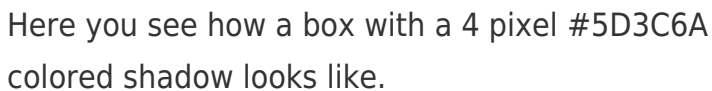
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D3C6A }
```

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

```
.border{ border-color:#5D3C6A }
```

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



Here you see how a box with a 4 pixel #5D3C6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3C6A; -webkit-box-shadow:4px 4px  
4px 4px #5D3C6A; box-shadow:4px 4px 4px  
4px #5D3C6A }
```

Background

The CSS property to change the background color of an element to Hex 5D3C6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3C6A }
```

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

```
.background{ background-color:#5D3C6A }
```

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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