

Converting Colors

Hex(5D4D6B)

Have a look what the booklet for
Hex(5D4D6B) contains.

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Color

Hex(5D4D6B)

Conversions

Conversions Part 1

Format	Color
Hex	5D4D6B
RGB	93, 77, 107
RGB Percent	36%, 30%, 42%
CMY	0.6353, 0.6980, 0.5804
CMYK	0.13, 0.28, 0.00, 0.58
HSL	272°, 16%, 36%
HSV	272°, 28%, 42%
XYZ	9.8219, 8.6964, 15.0708
YIQ	85.2040, -0.0940, 12.7220

Conversions

Conversions Part 2

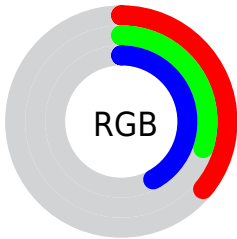
Format	Color
R_{YB}	93, 77, 107
Decimal	6114667
CIE _{Lab}	35.39, 13.11, -14.85
CIE _{LCh}	35, 19.807, 311.446
Yxy	8.6964, 0.2924, 0.2589
Android (android.graphics.Color)	4284304747 (0xFF5D4D6B)
YUV	85.2040, 10.7454, 6.8371
Hunter-Lab	29.4897, 7.8446, -9.6575

Details

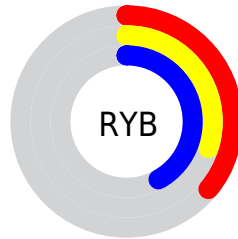
The Hex color **5D4D6B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **5B6B4D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **907E9E**, and **2E213C** is the 20% darker color. If you saturate the color by 10%, you get **58426B**, and if you desaturate by 10%, it is **62586B**.

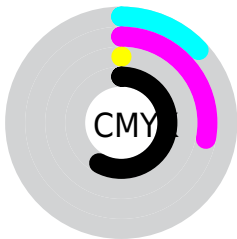
Distribution



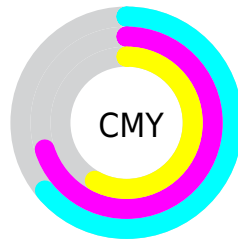
- Red (36%)
- Green (30%)
- Blue (42%)



- Red (36%)
- Yellow (30%)
- Blue (42%)



- Cyan (13%)
- Magenta (28%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (70%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D4D6B 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 5D4D6B by changing the saturation by 10% instead.

■ 5D4D6B

■ 5D4D6B

FFFFFF

■ 453653

■ 907E9E

■ 2E213C

■ AA98B9

■ 1A0B26

■ C6B3D5

■ 000110

■ E2CEF2

■ 000000

■ FEEBFF

■ 5D4D6B

■ 5D4D6B

■ 58426B

■ 62586B

■ 53386B

■ 67626B

■ 4E2D6B

■ 6C6D6B

■ 49226B

■ 71786B

■ 44176B

■ 76836B

■ 3F0D6B

■ 7B8D6B

■ 3A026B

■ 80986B

■ 39006B

■ 85A36B

■ 8AAD6B

Harmonies

Analogous

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



475372



5D4D6B



6C495E

Triad

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



5D4D6B



674F36



225C59

Complementary

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



5D4D6B



5B6B4D

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.



345B49



5D4D6B



585434

Square

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



5D4D6B



704A3F



47583B



1D5B68

Rectangle

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



5D4D6B



714753



47583B



275C53

Sweetspot

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



5D4D6B



87818C



4D5B6B



444047



C7C7C7



474747

Same Dimension

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



5D4D6B



765D8C



6B4D6A



333036



3F0075



8300F5

Inverse Universe

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



6B4D5B



8C5D73



4D6B4E



363033



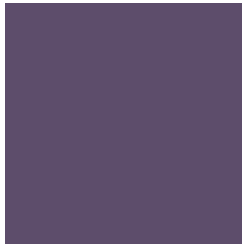
750037



F50072

Previews

White Background



This preview shows how the Hex color 5D4D6B looks on a white background.

Color Contrast Check

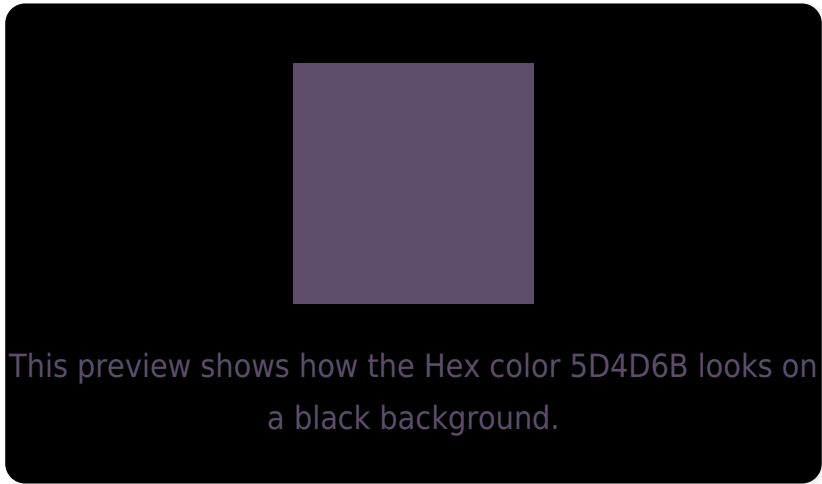
Large Text (above 18pt) WCAG AA ✓ Pass

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

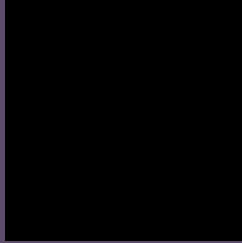
Any Text WCAG AA × Fail

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 5D4D6B Background



This preview shows how black text looks on a background with the Hex color 5D4D6B.

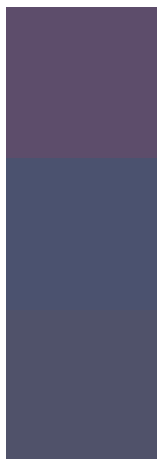


This preview shows how white text looks on a background with the Hex color 5D4D6B.

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
5D4D6B

Protanopia
4B526F

Deuteranopia
50526A



Tritanopia
5A5157

Trichromacy



Original Color
5D4D6B

Protanomaly
52506E

Deuteranomaly
55506A

Tritanomaly
5B505E

Monochromacy



Original Color
5D4D6B

Achromatopsia
555555

Achromatomaly
58525D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D4D6B 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 #5D4D6B looks like.

```
.text, #text, p{  
    color:#5D4D6B  
}
```

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 #5D4D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4D6B
}
```

Border

The CSS property to change the border of an element to Hex 5D4D6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

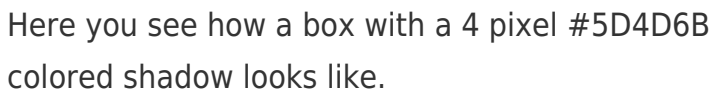
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D4D6B }
```

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

```
.border{ border-color:#5D4D6B }
```

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



Here you see how a box with a 4 pixel #5D4D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4D6B; -webkit-box-shadow:4px 4px  
4px 4px #5D4D6B; box-shadow:4px 4px 4px  
4px #5D4D6B }
```

Background

The CSS property to change the background color of an element to Hex 5D4D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4D6B }
```

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

```
.background{ background-color:#5D4D6B }
```

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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