

Converting Colors

Hex(5D547B)

Have a look what the booklet for
Hex(5D547B) contains.

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Color

Hex(5D547B)

Conversions

Conversions Part 1

Format	Color
Hex	5D547B
RGB	93, 84, 123
RGB Percent	36%, 33%, 48%
CMY	0.6353, 0.6706, 0.5176
CMYK	0.24, 0.32, 0.00, 0.52
HSL	254°, 19%, 41%
HSV	254°, 32%, 48%
XYZ	11.2597, 10.0979, 20.0945
YIQ	91.1370, -7.1550, 14.0370

Conversions

Conversions Part 2

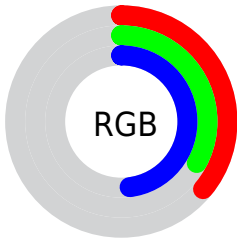
Format	Color
R_{YB}	93, 84, 123
Decimal	6116475
CIE _{Lab}	38.02, 12.73, -20.73
CIE _{LCh}	38, 24.331, 301.549
Yxy	10.0979, 0.2716, 0.2436
Android (android.graphics.Color)	4284306555 (0xFF5D547B)
YUV	91.1370, 15.7085, 1.6339
Hunter-Lab	31.7771, 7.6384, -15.2485

Details

The Hex color **5D547B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **727B54**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9086B0**, and **2E274A** is the 20% darker color. If you saturate the color by 10%, you get **54487B**, and if you desaturate by 10%, it is **66607B**.

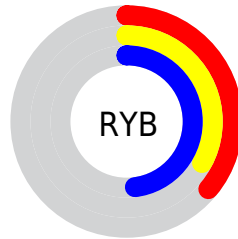
Distribution



Red (36%)

Green (33%)

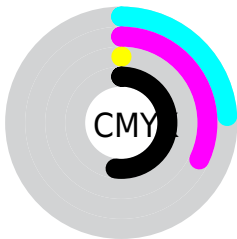
Blue (48%)



Red (36%)

Yellow (33%)

Blue (48%)

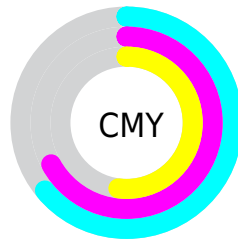


Cyan (24%)

Magenta (32%)

Yellow (0%)

Black (52%)



Cyan (64%)

Magenta (67%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D547B 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 5D547B by changing the saturation by 10% instead.

■ 5D547B

■ 5D547B

FFFFFF

■ 453D62

■ 9086B0

■ 2E274A

■ ABA0CB

■ 171333

■ C6BBE7

■ 00001E

■ E2D6FF

■ 000000

■ FFF3FF

■ 5D547B

■ 5D547B

■ 54487B

■ 66607B

■ 4A3B7B

■ 706D7B

412F7B

79797B

37237B

83857B

2E177B

8C927B

240A7B

969E7B

1C007B

9FAA7B

A9B67B

B2C37B

Harmonies

Analogous

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



3E5B81



5D547B



734D6D

Triad

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



5D547B



765237



1D645A

Complementary

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



5D547B



727B54

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.



396246



5D547B



655932

Square

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



5D547B



7F4C46



515E37



00636D

Rectangle

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



5D547B



7C4B60



515E37



276453

Sweetspot

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



5D547B



9491A1



54737B



4A4852



D1D1D1



525252

Same Dimension

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



5D547B



7264A1



70547B



38373D



1D007D



3A00FC

Inverse Universe

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



7B5472



A16493



5F7B54



3D373C



7D0060



FC00C2

Previews

White Background



This preview shows how the Hex color 5D547B looks on a white background.

Color Contrast Check

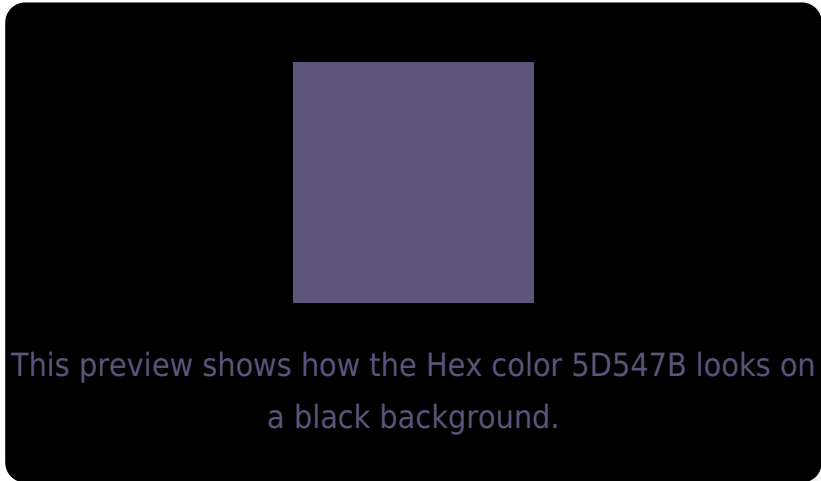
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

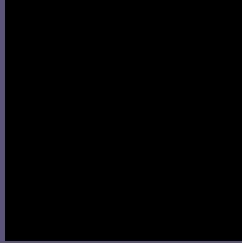
Any Text WCAG AA × Fail

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 5D547B Background



This preview shows how black text looks on a background with the Hex color 5D547B.



This preview shows how white text looks on a background with the Hex color 5D547B.

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
5D547B

Protanopia
4E587E

Deuteranopia
50587A



Tritanopia
585960

Trichromacy



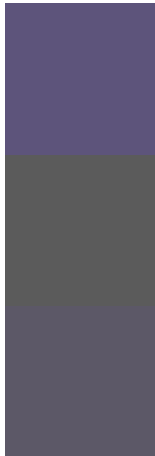
Original Color
5D547B

Protanomaly
53577D

Deuteranomaly
55577A

Tritanomaly
5A576A

Monochromacy



Original Color
5D547B

Achromatopsia
5B5B5B

Achromatomaly
5C5867

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D547B 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 #5D547B looks like.

```
.text, #text, p{  
    color:#5D547B  
}
```

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 #5D547B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D547B
}
```

Border

The CSS property to change the border of an element to Hex 5D547B is called "border". The border property can be set on classes, ids or directly on the HTML element.

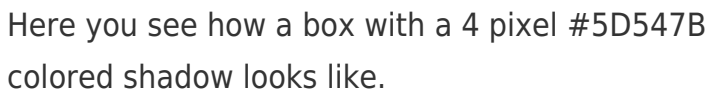
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D547B }
```

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

```
.border{ border-color:#5D547B }
```

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



Here you see how a box with a 4 pixel #5D547B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D547B; -webkit-box-shadow:4px 4px  
4px 4px #5D547B; box-shadow:4px 4px 4px  
4px #5D547B }
```

Background

The CSS property to change the background color of an element to Hex 5D547B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D547B }
```

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

```
.background{ background-color:#5D547B }
```

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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