

Converting Colors

Hex(5D467F)

Have a look what the booklet for
Hex(5D467F) contains.

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Color

Hex(5D467F)

Conversions

Conversions Part 1

Format	Color
Hex	5D467F
RGB	93, 70, 127
RGB Percent	36%, 27%, 50%
CMY	0.6353, 0.7255, 0.5020
CMYK	0.27, 0.45, 0.00, 0.50
HSL	264°, 29%, 39%
HSV	264°, 45%, 50%
XYZ	10.5351, 8.2398, 21.1138
YIQ	83.3750, -4.5890, 22.6030

Conversions

Conversions Part 2

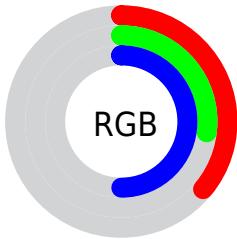
Format	Color
R_{YB}	93, 70, 127
Decimal	6112895
CIE _{Lab}	34.48, 22.61, -28.73
CIE _{LCh}	34, 36.559, 308.194
Yxy	8.2398, 0.2641, 0.2066
Android (android.graphics.Color)	4284302975 (0xFF5D467F)
YUV	83.3750, 21.5071, 8.4411
Hunter-Lab	28.7050, 15.2781, -23.5170

Details

The Hex color **5D467F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **687F46**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9177B4**, and **2C1A4D** is the 20% darker color. If you saturate the color by 10%, you get **55397F**, and if you desaturate by 10%, it is **65537F**.

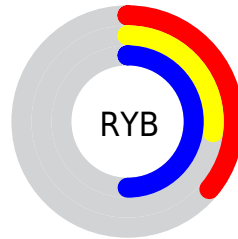
Distribution



Red (36%)

Green (27%)

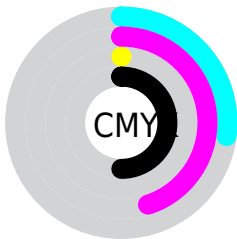
Blue (50%)



Red (36%)

Yellow (27%)

Blue (50%)

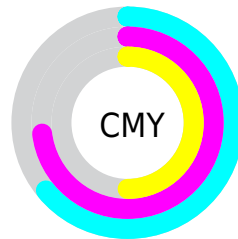


Cyan (27%)

Magenta (45%)

Yellow (0%)

Black (50%)



Cyan (64%)

Magenta (73%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D467F 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 5D467F by changing the saturation by 10% instead.

■ 5D467F

■ 5D467F

FFFFFF

■ 442F66

■ 9177B4

■ 2C1A4D

■ AC91D0

■ 160236

■ C7ABEC

■ 000220

■ E4C7FF

■ 000005

■ FFE3FF

■ 000000

■ 5D467F

■ 5D467F

■ 55397F

■ 65537F

■ 4E2D7F

■ 6C5F7F

46207F

746C7F

3F137F

7B797F

37077F

83857F

33007F

8A927F

929F7F

9AAC7F

A1B87F

Harmonies

Analogous

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



25528B



5D467F



7A3B67

Triad

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



5D467F



724819



005F58

Complementary

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



5D467F



687F46

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.



005E3A



5D467F



595212

Square

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



5D467F



823D2F



3A5A21



005E74

Rectangle

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



5D467F



843654



3A5A21



005F4E

Sweetspot

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



5D467F



9990A6



46687F



4C4754



D4D4D4



545454

Same Dimension

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



5D467F



704CA6



79467F



3C3940



330080



000000

Inverse Universe

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



7F4668



A64C82



4C7F46



40393D



80004C



000000

Previews

White Background



This preview shows how the Hex color 5D467F looks on a white background.

Color Contrast Check

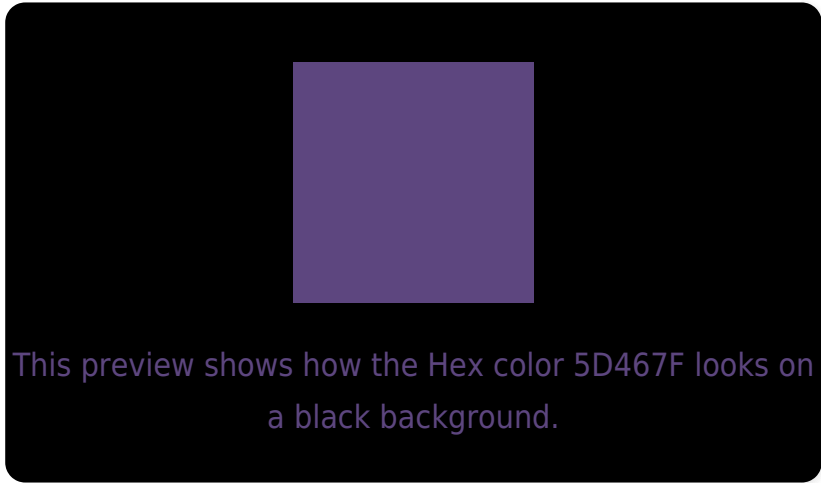
Large Text (above 18pt) WCAG AA ✓ Pass

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

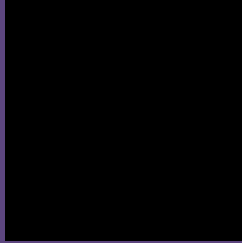
Any Text WCAG AA × Fail

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 5D467F Background



This preview shows how black text looks on a background with the Hex color 5D467F.



This preview shows how white text looks on a background with the Hex color 5D467F.

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





Tritanopia
554F56

Trichromacy



Original Color
5D467F

Protanomaly
474C85

Deuteranomaly
484D7E

Tritanomaly
584C65

Monochromacy



Original Color
5D467F

Achromatopsia
535353

Achromatomaly
574E63

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D467F 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 #5D467F looks like.

```
.text, #text, p{  
    color:#5D467F  
}
```

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 #5D467F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D467F
}
```

Border

The CSS property to change the border of an element to Hex 5D467F is called "border". The border property can be set on classes, ids or directly on the HTML element.

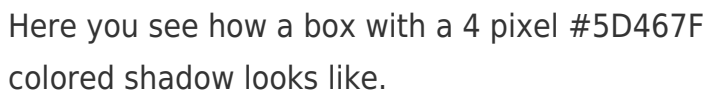
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D467F }
```

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

```
.border{ border-color:#5D467F }
```

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



Here you see how a box with a 4 pixel #5D467F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D467F; -webkit-box-shadow:4px 4px  
4px 4px #5D467F; box-shadow:4px 4px 4px  
4px #5D467F }
```

Background

The CSS property to change the background color of an element to Hex 5D467F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D467F }
```

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

```
.background{ background-color:#5D467F }
```

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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