

Converting Colors

Hex(5D426C)

Have a look what the booklet for
Hex(5D426C) contains.

Hex(5D426C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D426C)

Conversions

Conversions Part 1

Format	Color
Hex	5D426C
RGB	93, 66, 108
RGB Percent	36%, 26%, 42%
CMY	0.6353, 0.7412, 0.5765
CMYK	0.14, 0.39, 0.00, 0.58
HSL	279°, 24%, 34%
HSV	279°, 39%, 42%
XYZ	9.1692, 7.3063, 15.1143
YIQ	78.8610, 2.6100, 18.7860

Conversions

Conversions Part 2

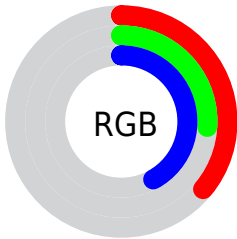
Format	Color
R_{YB}	93, 66, 108
Decimal	6111852
CIE _{Lab}	32.49, 20.29, -19.94
CIE _{LCh}	32, 28.450, 315.490
Yxy	7.3063, 0.2903, 0.2313
Android (android.graphics.Color)	4284301932 (0xFF5D426C)
YUV	78.8610, 14.3655, 12.3999
Hunter-Lab	27.0302, 13.2481, -14.2318

Details

The Hex color **5D426C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **516C42**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9072A0**, and **2E163C** is the 20% darker color. If you saturate the color by 10%, you get **59376C**, and if you desaturate by 10%, it is **614D6C**.

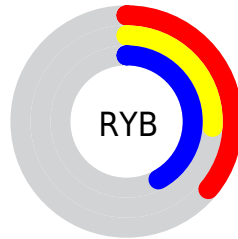
Distribution



Red (36%)

Green (26%)

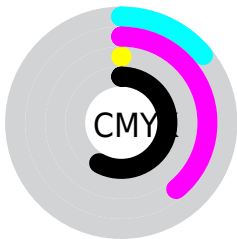
Blue (42%)



Red (36%)

Yellow (26%)

Blue (42%)

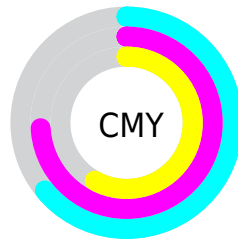


Cyan (14%)

Magenta (39%)

Yellow (0%)

Black (58%)



Cyan (64%)

Magenta (74%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D426C 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 5D426C by changing the saturation by 10% instead.

■ 5D426C

■ 5D426C

FFFFFF

■ 452B54

■ 9072A0

■ 2E163C

■ AB8CBB

■ 1B0027

■ C6A7D6

■ 000110

■ E2C2F3

■ 000000

■ FFDEFF

■ FFFAFF

■ 5D426C

■ 5D426C

■ 59376C

■ 614D6C

■ 552C6C

■ 65586C

■ 51226C

■ 69626C

■ 4E176C

■ 6C6D6C

■ 4A0C6C

■ 70786C

■ 46016C

■ 74836C

■ 45006C

■ 788E6C

■ 7C986C

■ 80A36C

Harmonies

Analogous

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



3C4B78



5D426C



703B58

Triad

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



5D426C



634720



005858

Complementary

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



5D426C



516C42

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.



0F5740



5D426C



4E4F20

Square

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



5D426C



713F2D



35542C



00566C

Rectangle

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



5D426C



763949



35542C



005850

Sweetspot

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



5D426C



867B8C



42516C



443D47



C7C7C7



474747

Same Dimension

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



5D426C



754A8C



6C4266



343036



4B0075



9D00F5

Inverse Universe

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



6C4251



8C4A62



426C48



363032



75002A



F50057

Previews

White Background



This preview shows how the Hex color 5D426C looks on a white background.

Color Contrast Check

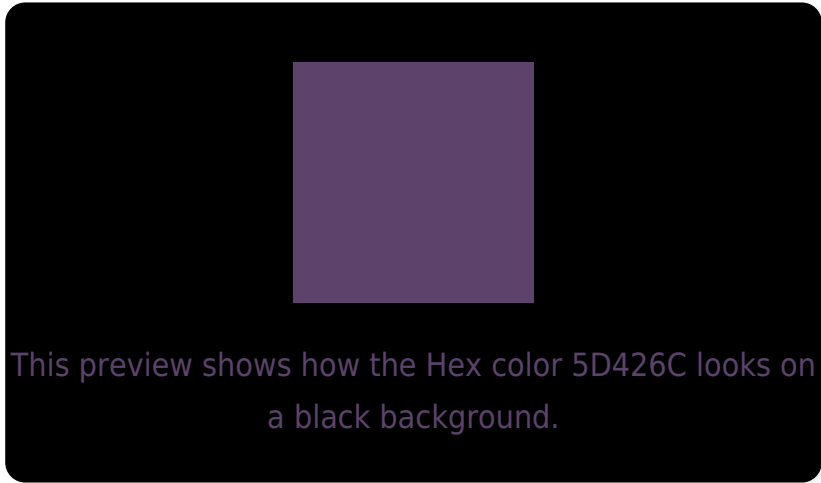
Large Text (above 18pt) WCAG AA ✓ Pass

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

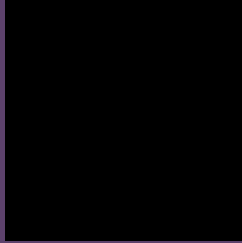
Any Text WCAG AA × Fail

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 5D426C Background



This preview shows how black text looks on a background with the Hex color 5D426C.



This preview shows how white text looks on a background with the Hex color 5D426C.

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
5D426C

Protanopia
3F4B74

Deuteranopia
434C6A



Tritanopia
58484E

Trichromacy



Original Color
5D426C

Protanomaly
4A4871

Deuteranomaly
4C486B

Tritanomaly
5A4659

Monochromacy



Original Color
5D426C

Achromatopsia
4F4F4F

Achromatomaly
544A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D426C 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 #5D426C looks like.

```
.text, #text, p{  
    color:#5D426C  
}
```

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 #5D426C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D426C
}
```

Border

The CSS property to change the border of an element to Hex 5D426C is called "border". The border property can be set on classes, ids or directly on the HTML element.

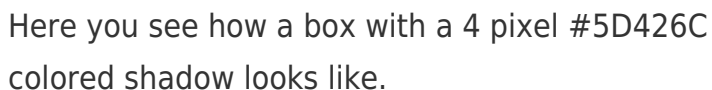
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D426C }
```

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

```
.border{ border-color:#5D426C }
```

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



Here you see how a box with a 4 pixel #5D426C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D426C; -webkit-box-shadow:4px 4px  
4px 4px #5D426C; box-shadow:4px 4px 4px  
4px #5D426C }
```

Background

The CSS property to change the background color of an element to Hex 5D426C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D426C }
```

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

```
.background{ background-color:#5D426C }
```

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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