

Converting Colors

Hex(5A5D86)

Have a look what the booklet for
Hex(5A5D86) contains.

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Color

Hex(5A5D86)

Conversions

Conversions Part 1

Format	Color
Hex	5A5D86
RGB	90, 93, 134
RGB Percent	35%, 36%, 53%
CMY	0.6471, 0.6353, 0.4745
CMYK	0.33, 0.31, 0.00, 0.47
HSL	236°, 20%, 44%
HSV	236°, 33%, 53%
XYZ	12.4339, 11.7236, 24.1618
YIQ	96.7770, -14.9490, 12.1150

Conversions

Conversions Part 2

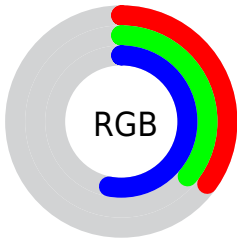
Format	Color
R_{YB}	90, 93, 134
Decimal	5922182
CIE _{Lab}	40.77, 9.11, -23.20
CIE _{LCh}	41, 24.922, 291.434
Yxy	11.7236, 0.2573, 0.2426
Android (android.graphics.Color)	4284112262 (0xFF5A5D86)
YUV	96.7770, 18.3509, -5.9434
Hunter-Lab	34.2397, 4.9013, -17.8711

Details

The Hex color **5A5D86** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **86835A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8D8FBB**, and **2A2F54** is the 20% darker color. If you saturate the color by 10%, you get **4D5186**, and if you desaturate by 10%, it is **676986**.

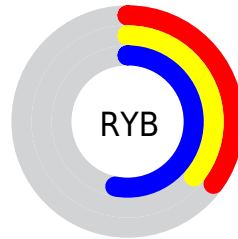
Distribution



 Red (35%)

 Green (36%)

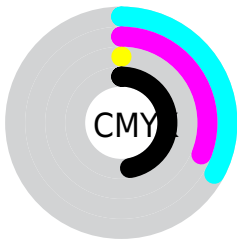
 Blue (53%)




 Red (35%)

 Yellow (36%)

 Blue (53%)

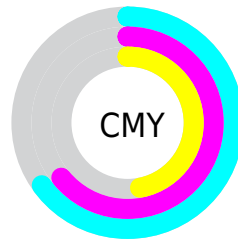


 Cyan (33%)

 Magenta (31%)

 Yellow (0%)

 Black (47%)



 Cyan (65%)

 Magenta (64%)

 Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5D86 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 5A5D86 by changing the saturation by 10% instead.

■ 5A5D86

■ 5A5D86

FFFFFF

■ 42456D

■ 8D8FBB

■ 2A2F54

■ A8AAD7

■ 121B3D

■ C4C5F4

■ 000027

■ E0E1FF

■ 000110

■ FDFDFD

■ 000000

■ 5A5D86

■ 5A5D86

■ 4D5186

■ 676986

■ 3F4486

■ 757686

■ 323886

■ 828286

■ 242B86

■ 908F86

■ 171F86

■ 9D9B86

■ 0A1286

■ AAA886

■ 000986

■ B8B486

■ C5C186

■ D3CD86

Harmonies

Analogous

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



386488



5A5D86



74567A

Triad

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



5A5D86



825641



2D6B59

Complementary

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



5A5D86



86835A

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.



476846



5A5D86



735D38

Square

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



5A5D86



885152



5F6339



0E6B6E

Rectangle

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



5A5D86



80526E



5F6339



366A52

Sweetspot

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



5A5D86



9C9DAD



5A8682



4C4D57



D6D6D6



575757

Same Dimension

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



5A5D86



6A6EAD



6C5A86



3C3C42



000982



000003

Inverse Universe

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



865A5D



AD6A6E



74865A



423C3C



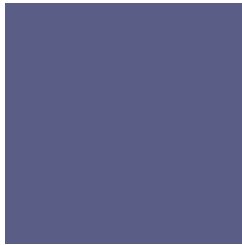
820009



030000

Previews

White Background



This preview shows how the Hex color 5A5D86 looks on a white background.

Color Contrast Check

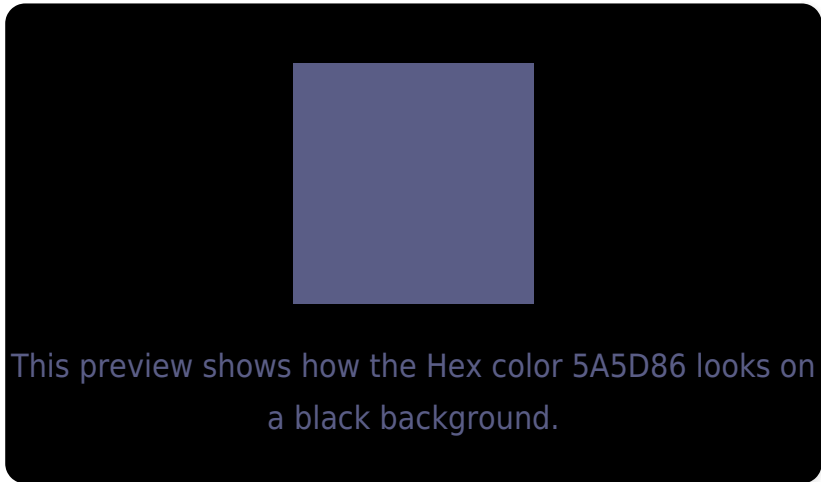
Large Text (above 18pt) WCAG AA ✓ Pass

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

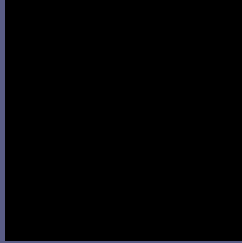
Any Text WCAG AA × Fail

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 5A5D86 Background



This preview shows how black text looks on a background with the Hex color 5A5D86.



This preview shows how white text looks on a background with the Hex color 5A5D86.

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](#).

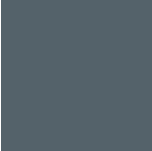
Dichromacy



Original Color
5A5D86

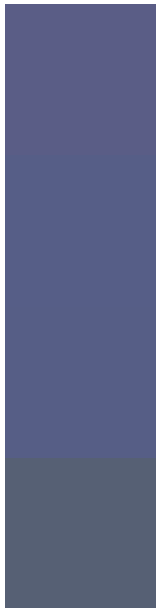
Protanopia
535F87

Deuteranopia
535F86



Tritanopia
54626A

Trichromacy



Original Color
5A5D86

Protanomaly
565E87

Deuteranomaly
565E86

Tritanomaly
566074

Monochromacy



Original Color
5A5D86

Achromatopsia
616161

Achromatomaly
5E606E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5D86 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 #5A5D86 looks like.

```
.text, #text, p{  
    color:#5A5D86  
}
```

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 #5A5D86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5D86
}
```

Border

The CSS property to change the border of an element to Hex 5A5D86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

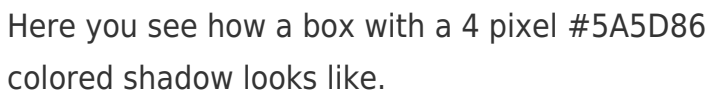
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A5D86 }
```

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

```
.border{ border-color:#5A5D86 }
```

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



Here you see how a box with a 4 pixel #5A5D86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5D86; -webkit-box-shadow:4px 4px  
4px 4px #5A5D86; box-shadow:4px 4px 4px  
4px #5A5D86 }
```

Background

The CSS property to change the background color of an element to Hex 5A5D86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5D86 }
```

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

```
.background{ background-color:#5A5D86 }
```

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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