

Converting Colors

Hex(5A5B84)

Have a look what the booklet for
Hex(5A5B84) contains.

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Color

Hex(5A5B84)

Conversions

Conversions Part 1

Format	Color
Hex	5A5B84
RGB	90, 91, 132
RGB Percent	35%, 36%, 52%
CMY	0.6471, 0.6431, 0.4824
CMYK	0.32, 0.31, 0.00, 0.48
HSL	239°, 19%, 44%
HSV	239°, 32%, 52%
XYZ	12.1224, 11.3218, 23.3762
YIQ	95.3750, -13.7570, 12.5390

Conversions

Conversions Part 2

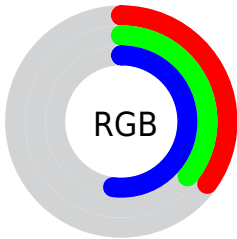
Format	Color
R_{YB}	90, 91, 132
Decimal	5921668
CIE Lab	40.12, 9.80, -23.00
CIE LCh	40, 25.003, 293.071
Yxy	11.3218, 0.2589, 0.2418
Android (android.graphics.Color)	4284111748 (0xFF5A5B84)
YUV	95.3750, 18.0561, -4.7139
Hunter-Lab	33.6478, 5.4249, -17.6371

Details

The Hex color **5A5B84** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **84835A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8D8DB9**, and **2A2D52** is the 20% darker color. If you saturate the color by 10%, you get **4D4E84**, and if you desaturate by 10%, it is **676884**.

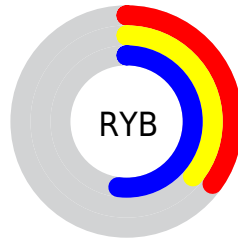
Distribution



Red (35%)

Green (36%)

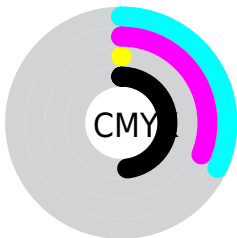
Blue (52%)



Red (35%)

Yellow (36%)

Blue (52%)

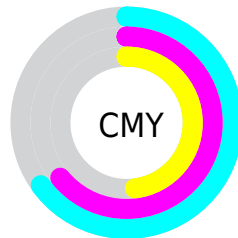


Cyan (32%)

Magenta (31%)

Yellow (0%)

Black (48%)



Cyan (65%)

Magenta (64%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5B84 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 5A5B84 by changing the saturation by 10% instead.



5A5B84



5A5B84

FFFFFF



42446B



8D8DB9



2A2D52



A8A7D5



12193B



C4C3F1



000026



E0DEFF



00010E



FDFBFF



000000



5A5B84



5A5B84



4D4E84



676884



404184



747584

■ 323484

■ 828284

■ 252784

■ 8F8F84

■ 181B84

■ 9C9B84

■ 0B0E84

■ A9A884

■ 000384

■ B6B584

■ C4C284

■ D1CF84

Harmonies

Analogous

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



386287



5A5B84



745477

Triad

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



5A5B84



7F553F



296959

Complementary

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



5A5B84



84835A

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.



446745



5A5B84



705C36

Square

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



5A5B84



864F50



5C6238



07696E

Rectangle

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



5A5B84



7F506B



5C6238



336952

Sweetspot

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



5A5B84



9A9AAB



5A8483



4C4D57



D6D6D6



575757

Same Dimension

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



5A5B84



6A6BAB



6E5A84



3C3C42



000382



000003

Inverse Universe

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



845A5B



AB6A6B



70845A



423C3C



820003



030000

Previews

White Background



This preview shows how the Hex color 5A5B84 looks on a white background.

Color Contrast Check

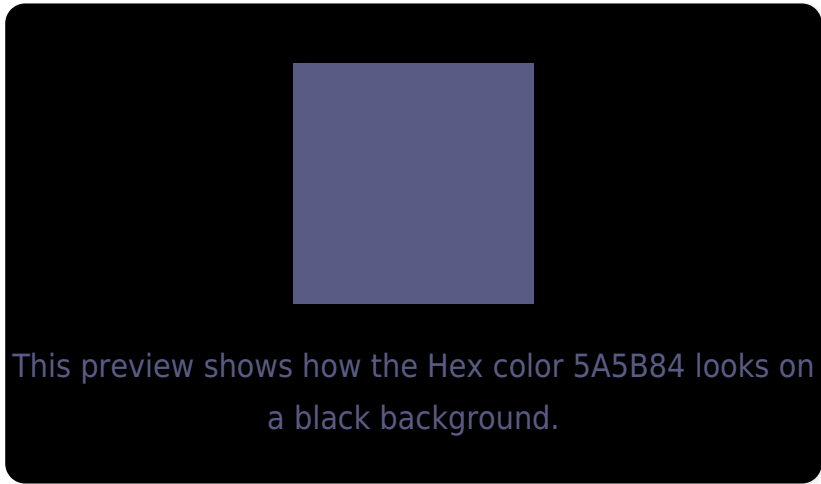
Large Text (above 18pt) WCAG AA ✓ Pass

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

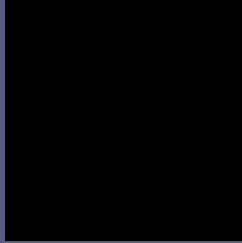
Any Text WCAG AA × Fail

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 5A5B84 Background



This preview shows how black text looks on a background with the Hex color 5A5B84.

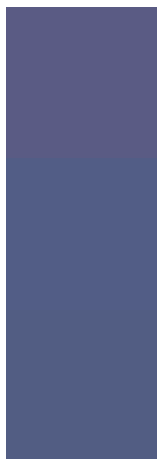


This preview shows how white text looks on a background with the Hex color 5A5B84.

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

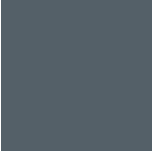
5A5B84

Protanopia

525D86

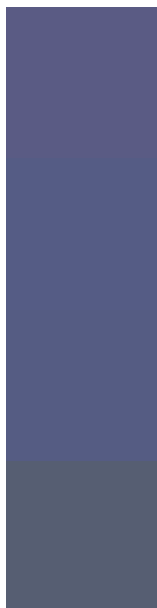
Deuteranopia

525D83



Tritanopia
546068

Trichromacy



Original Color

5A5B84

Protanomaly

555C85

Deuteranomaly

555C83

Tritanomaly

565E72

Monochromacy



Original Color

5A5B84

Achromatopsia

5F5F5F

Achromatomaly

5D5E6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5B84 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 #5A5B84 looks like.

```
.text, #text, p{  
    color:#5A5B84  
}
```

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 #5A5B84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5B84
}
```

Border

The CSS property to change the border of an element to Hex 5A5B84 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
#5A5B84 }
```

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

```
.border{ border-color:#5A5B84 }
```

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

Here you see how a box with a 4 pixel #5A5B84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5B84; -webkit-box-shadow:4px 4px  
4px 4px #5A5B84; box-shadow:4px 4px 4px  
4px #5A5B84 }
```

Background

The CSS property to change the background color of an element to Hex 5A5B84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5B84 }
```

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

```
.background{ background-color:#5A5B84 }
```

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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