

Converting Colors

Hex(5B5D84)

Have a look what the booklet for
Hex(5B5D84) contains.

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Color

Hex(5B5D84)

Conversions

Conversions Part 1

Format	Color
Hex	5B5D84
RGB	91, 93, 132
RGB Percent	36%, 36%, 52%
CMY	0.6431, 0.6353, 0.4824
CMYK	0.31, 0.30, 0.00, 0.48
HSL	237°, 18%, 44%
HSV	237°, 31%, 52%
XYZ	12.3936, 11.7188, 23.4385
YIQ	96.8480, -13.7110, 11.7050

Conversions

Conversions Part 2

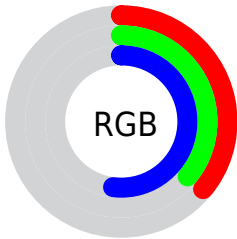
Format	Color
R_{YB}	91, 93, 132
Decimal	5987716
CIE _{Lab}	40.77, 8.87, -21.99
CIE _{LCh}	41, 23.712, 291.957
Yxy	11.7188, 0.2606, 0.2464
Android (android.graphics.Color)	4284177796 (0xFF5B5D84)
YUV	96.8480, 17.3299, -5.1287
Hunter-Lab	34.2327, 4.7168, -16.6319

Details

The Hex color **5B5D84** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **84825B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8E8FB9**, and **2B2F52** is the 20% darker color. If you saturate the color by 10%, you get **4E5084**, and if you desaturate by 10%, it is **686A84**.

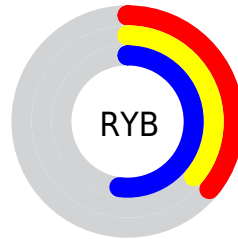
Distribution



Red (36%)

Green (36%)

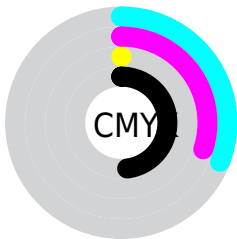
Blue (52%)



Red (36%)

Yellow (36%)

Blue (52%)

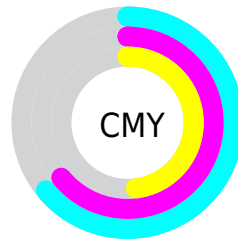


Cyan (31%)

Magenta (30%)

Yellow (0%)

Black (48%)



Cyan (64%)

Magenta (64%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5D84 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 5B5D84 by changing the saturation by 10% instead.

■ 5B5D84

■ 5B5D84

FFFFFF

■ 43456B

■ 8E8FB9

■ 2B2F52

■ A9AAD5

■ 141B3B

■ C5C5F1

■ 000026

■ E1E1FF

■ 00010E

■ FEFDFD

■ 000000

■ 5B5D84

■ 5B5D84

■ 4E5084

■ 686A84

■ 414484

■ 757684

■ 333784

■ 838384

■ 262B84

■ 908F84

■ 191E84

■ 9D9C84

■ 0C1284

■ AAA884

■ 000684

■ B7B584

■ C5C184

■ D2CE84

Harmonies

Analogous

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



3C6486



5B5D84



745678

Triad

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



5B5D84



805742



306A5A

Complementary

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



5B5D84



84825B

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.



486848



5B5D84



725D3A

Square

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



5B5D84



865253



5F633C



196A6E

Rectangle

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



5B5D84



7F536D



5F633C



386A53

Sweetspot

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



5B5D84



9B9CAB



5B8482



4D4E57



D6D6D6



575757

Same Dimension

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



5B5D84



6C6FAB



6D5B84



3C3C42



000682



000003

Inverse Universe

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



845B5D



AB6C6F



72845B



423C3C



820006



030000

Previews

White Background



This preview shows how the Hex color 5B5D84 looks on a white background.

Color Contrast Check

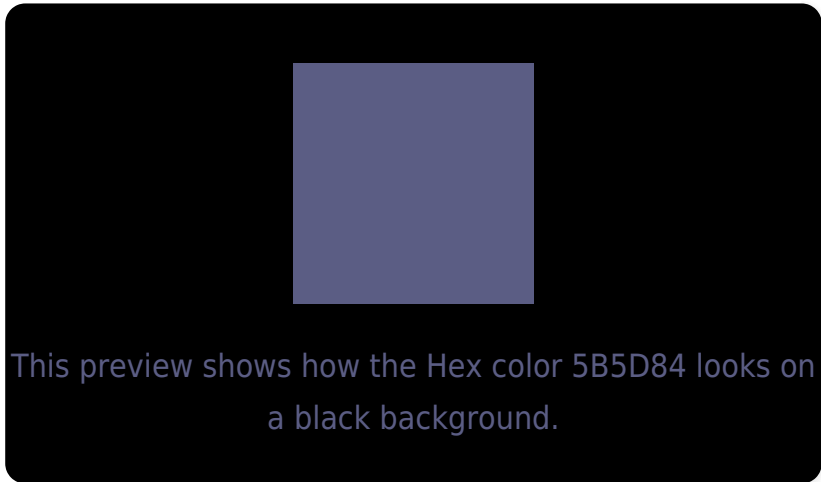
Large Text (above 18pt) WCAG AA ✓ Pass

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

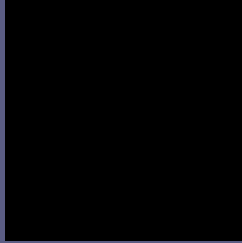
Any Text WCAG AA × Fail

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 5B5D84 Background



This preview shows how black text looks on a background with the Hex color 5B5D84.

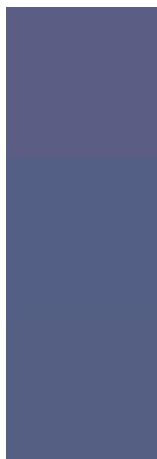


This preview shows how white text looks on a background with the Hex color 5B5D84.

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

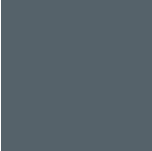
5B5D84

Protanopia

545F85

Deuteranopia

555F84



Tritanopia
55626A

Trichromacy



Original Color
5B5D84

Protanomaly
575E85

Deuteranomaly
575E84

Tritanomaly
576073

Monochromacy



Original Color
5B5D84

Achromatopsia
616161

Achromatomaly
5F606E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5D84 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 #5B5D84 looks like.

```
.text, #text, p{  
    color:#5B5D84  
}
```

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 #5B5D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5D84
}
```

Border

The CSS property to change the border of an element to Hex 5B5D84 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
#5B5D84 }
```

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

```
.border{ border-color:#5B5D84 }
```

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

Here you see how a box with a 4 pixel #5B5D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5D84; -webkit-box-shadow:4px 4px  
4px 4px #5B5D84; box-shadow:4px 4px 4px  
4px #5B5D84 }
```

Background

The CSS property to change the background color of an element to Hex 5B5D84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5D84 }
```

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

```
.background{ background-color:#5B5D84 }
```

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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