

Converting Colors

Hex(5B5683)

Have a look what the booklet for
Hex(5B5683) contains.

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Color

Hex(5B5683)

Conversions

Conversions Part 1

Format	Color
Hex	5B5683
RGB	91, 86, 131
RGB Percent	36%, 34%, 51%
CMY	0.6431, 0.6627, 0.4863
CMYK	0.31, 0.34, 0.00, 0.49
HSL	247°, 21%, 43%
HSV	247°, 34%, 51%
XYZ	11.7389, 10.5184, 22.8843
YIQ	92.6250, -11.4650, 15.0550

Conversions

Conversions Part 2

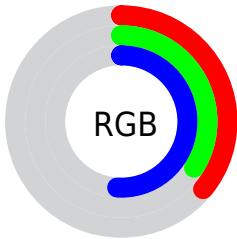
Format	Color
R_{YB}	91, 86, 131
Decimal	5985923
CIE _{Lab}	38.76, 12.98, -24.50
CIE _{LCh}	39, 27.727, 297.908
Yxy	10.5184, 0.2600, 0.2330
Android (android.graphics.Color)	4284176003 (0xFF5B5683)
YUV	92.6250, 18.9189, -1.4251
Hunter-Lab	32.4321, 7.8525, -19.1329

Details

The Hex color **5B5683** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7E8356**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8E88B8**, and **2B2951** is the 20% darker color. If you saturate the color by 10%, you get **4F4983**, and if you desaturate by 10%, it is **676383**.

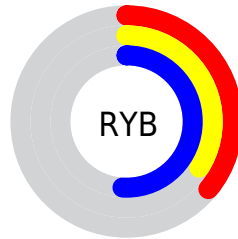
Distribution



Red (36%)

Green (34%)

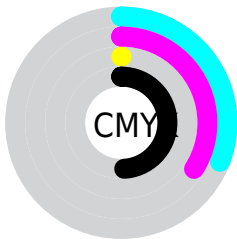
Blue (51%)



Red (36%)

Yellow (34%)

Blue (51%)

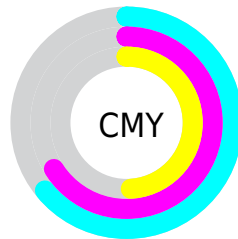


Cyan (31%)

Magenta (34%)

Yellow (0%)

Black (49%)



Cyan (64%)

Magenta (66%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5683 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 5B5683 by changing the saturation by 10% instead.

■ 5B5683

■ 5B5683

FFFFFF

■ 433F6A

■ 8E88B8

■ 2B2951

■ A9A2D4

■ 13153A

■ C5BDF0

■ 000024

■ E1D9FF

■ 00000C

■ FEF5FF

■ 000000

■ 5B5683

■ 5B5683

■ 4F4983

■ 676383

■ 443C83

■ 727083

■ 382F83

■ 7E7D83

■ 2C2283

■ 8A8A83

■ 211583

■ 959783

■ 150783

■ A1A583

■ 0F0083

■ ADB283

■ B8BF83

■ C4CC83

Harmonies

Analogous

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



345E88



5B5683



764E73

Triad

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



5B5683



7C5136



116759

Complementary

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



5B5683



7E8356

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.



396543



5B5683



6B592E

Square

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



5B5683



864B47



546032



006770

Rectangle

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



5B5683



814A65



546032



226651

Sweetspot

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



5B5683



9C9AAB



567E83



4D4C57



D6D6D6



575757

Same Dimension

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



5B5683



6D65AB



715683



3C3C42



0E0082



000003

Inverse Universe

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



83567E



AB65A3



688356



423C42



820074



030002

Previews

White Background



This preview shows how the Hex color 5B5683 looks on a white background.

Color Contrast Check

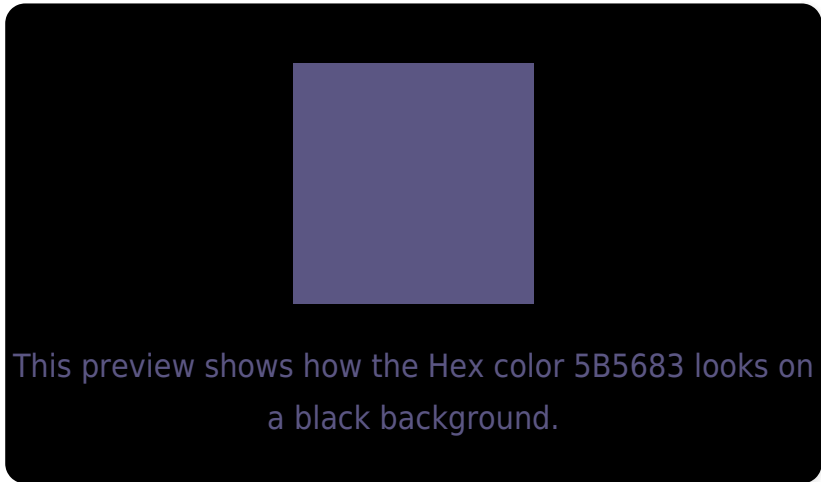
Large Text (above 18pt) WCAG AA ✓ Pass

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

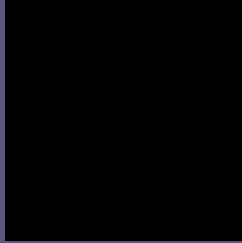
Any Text WCAG AA × Fail

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 5B5683 Background



This preview shows how black text looks on a background with the Hex color 5B5683.

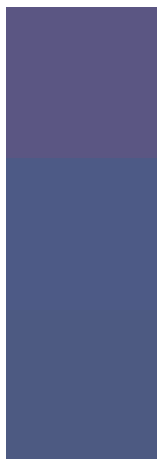


This preview shows how white text looks on a background with the Hex color 5B5683.

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](#).

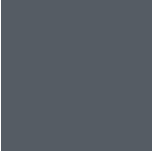
Dichromacy



Original Color
5B5683

Protanopia
4D5A86

Deuteranopia
4D5A82



Tritanopia
555C64

Trichromacy



Original Color
5B5683

Protanomaly
525985

Deuteranomaly
525982

Tritanomaly
575A6F

Monochromacy



Original Color
5B5683

Achromatopsia
5D5D5D

Achromatomaly
5C5A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5683 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 #5B5683 looks like.

```
.text, #text, p{  
    color:#5B5683  
}
```

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 #5B5683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5683
}
```

Border

The CSS property to change the border of an element to Hex 5B5683 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
#5B5683 }
```

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

```
.border{ border-color:#5B5683 }
```

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

Here you see how a box with a 4 pixel #5B5683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5683; -webkit-box-shadow:4px 4px  
4px 4px #5B5683; box-shadow:4px 4px 4px  
4px #5B5683 }
```

Background

The CSS property to change the background color of an element to Hex 5B5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5683 }
```

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

```
.background{ background-color:#5B5683 }
```

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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