

Converting Colors

Hex(5B6087)

Have a look what the booklet for
Hex(5B6087) contains.

Hex(5B6087)	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(5B6087)

Conversions

Conversions Part 1

Format	Color
Hex	5B6087
RGB	91, 96, 135
RGB Percent	36%, 38%, 53%
CMY	0.6431, 0.6235, 0.4706
CMYK	0.33, 0.29, 0.00, 0.47
HSL	233°, 19%, 44%
HSV	233°, 33%, 53%
XYZ	12.8704, 12.3392, 24.6250
YIQ	98.9510, -15.4990, 11.0690

Conversions

Conversions Part 2

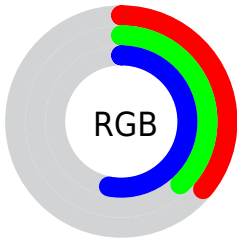
Format	Color
R_{YB}	91, 95, 135
Decimal	5988487
CIE Lab	41.75, 7.83, -22.28
CIE LCh	42, 23.620, 289.368
Yxy	12.3392, 0.2583, 0.2476
Android (android.graphics.Color)	4284178567 (0xFF5B6087)
YUV	98.9510, 17.7722, -6.9730
Hunter-Lab	35.1271, 3.9291, -16.9748

Details

The Hex color **5B6087** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **87825B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8E92BC**, and **2B3255** is the 20% darker color. If you saturate the color by 10%, you get **4E5487**, and if you desaturate by 10%, it is **696C87**.

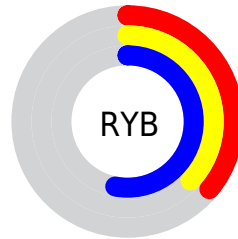
Distribution



Red (36%)

Green (38%)

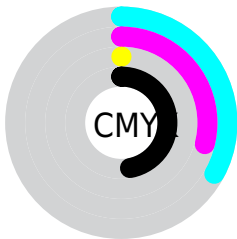
Blue (53%)



Red (36%)

Yellow (37%)

Blue (53%)

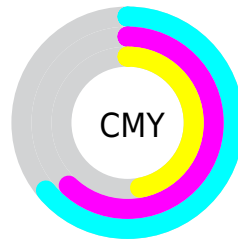


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (47%)



Cyan (64%)

Magenta (62%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6087 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 5B6087 by changing the saturation by 10% instead.

■ 5B6087

■ 5B6087

FFFFFF

■ 43486E

■ 8E92BC

■ 2B3255

■ A9ADD8

■ 131D3E

■ C5C8F5

■ 000328

■ E1E4FF

■ 000112

FEFFFF

■ 000000

■ 5B6087

■ 5B6087

■ 4E5487

■ 696C87

■ 404887

■ 767887

■ 333C87

■ 848487

■ 253087

■ 919087

■ 182487

■ 9F9C87

■ 0A1887

■ ACA887

■ 000F87

■ BAB487

■ C7C087

■ D4CC87

Harmonies

Analogous

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



3C6688



5B6087



74597C

Triad

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



5B6087



835846



356D5B

Complementary

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



5B6087



87825B

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.



4D6A49



5B6087



765F3C

Square

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



5B6087



895457



63653D



1E6D6F

Rectangle

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



5B6087



805571



63653D



3D6C54

Sweetspot

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



5B6087



9EA0B0



5B8782



4F5059



D9D9D9



595959

Same Dimension

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



5B6087



6B73B0



6C5B87



3C3C42



000F82



000003

Inverse Universe

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



875B60



B06B73



76875B



423C3C



82000F



030000

Previews

White Background



This preview shows how the Hex color 5B6087 looks on a white background.

Color Contrast Check

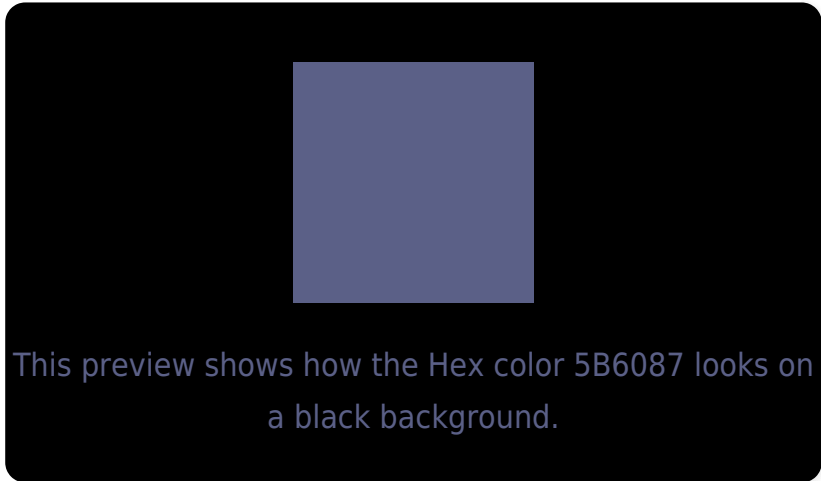
Large Text (above 18pt) WCAG AA ✓ Pass

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

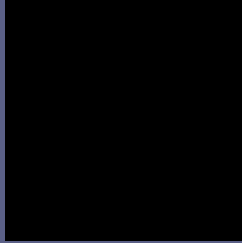
Any Text WCAG AA × Fail

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 5B6087 Background



This preview shows how black text looks on a background with the Hex color 5B6087.

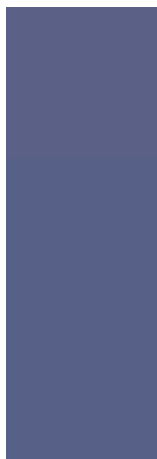


This preview shows how white text looks on a background with the Hex color 5B6087.

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

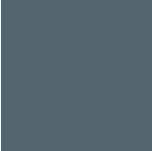
5B6087

Protanopia

576188

Deuteranopia

576187



Tritanopia
55656D

Trichromacy



Original Color
5B6087

Protanomaly
586188

Deuteranomaly
586187

Tritanomaly
576376

Monochromacy



Original Color
5B6087

Achromatopsia
636363

Achromatomaly
606270

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6087 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 #5B6087 looks like.

```
.text, #text, p{  
    color:#5B6087  
}
```

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 #5B6087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6087
}
```

Border

The CSS property to change the border of an element to Hex 5B6087 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
#5B6087 }
```

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

```
.border{ border-color:#5B6087 }
```

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

Here you see how a box with a 4 pixel #5B6087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6087; -webkit-box-shadow:4px 4px  
4px 4px #5B6087; box-shadow:4px 4px 4px  
4px #5B6087 }
```

Background

The CSS property to change the background color of an element to Hex 5B6087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6087 }
```

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

```
.background{ background-color:#5B6087 }
```

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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