

Converting Colors

Hex(5B6A8A)

Have a look what the booklet for
Hex(5B6A8A) contains.

Hex(5B6A8A)	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(5B6A8A)

Conversions

Conversions Part 1

Format	Color
Hex	5B6A8A
RGB	91, 106, 138
RGB Percent	36%, 42%, 54%
CMY	0.6431, 0.5843, 0.4588
CMYK	0.34, 0.23, 0.00, 0.46
HSL	221°, 21%, 45%
HSV	221°, 34%, 54%
XYZ	14.0559, 14.3672, 26.0771
YIQ	105.1630, -19.2120, 6.7720

Conversions

Conversions Part 2

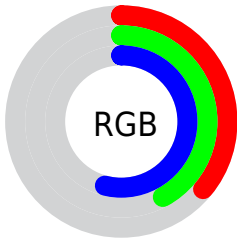
Format	Color
R_{YB}	91, 102, 138
Decimal	5991050
CIE _{Lab}	44.75, 2.53, -19.45
CIE _{LCh}	45, 19.617, 277.422
Yxy	14.3672, 0.2579, 0.2636
Android (android.graphics.Color)	4284181130 (0xFF5B6A8A)
YUV	105.1630, 16.1886, -12.4210
Hunter-Lab	37.9041, -0.1395, -14.2572

Details

The Hex color **5B6A8A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8A7B5B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8E9DC0**, and **2B3B58** is the 20% darker color. If you saturate the color by 10%, you get **4D618A**, and if you desaturate by 10%, it is **69738A**.

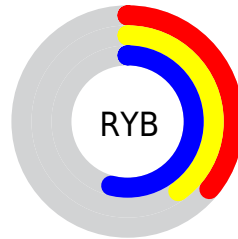
Distribution



Red (36%)

Green (42%)

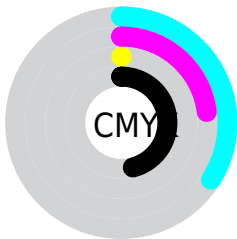
Blue (54%)



Red (36%)

Yellow (40%)

Blue (54%)

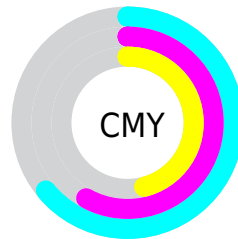


Cyan (34%)

Magenta (23%)

Yellow (0%)

Black (46%)



Cyan (64%)

Magenta (58%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6A8A 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 5B6A8A by changing the saturation by 10% instead.

■ 5B6A8A

■ 5B6A8A

FFFFFF

■ 425270

■ 8E9DC0

■ 2B3B58

■ A9B8DB

■ 122640

■ C5D4F8

■ 00102A

■ E1F0FF

■ 000115

FEFFFF

■ 000000

■ 5B6A8A

■ 5B6A8A

■ 4D618A

■ 69738A

■ 3F578A

■ 777D8A

■ 324E8A

■ 84868A

■ 24448A

■ 92908A

■ 163B8A

■ A0998A

■ 08328A

■ AEA28A

■ 002C8A

■ BCAC8A

■ C9B58A

■ D7BF8A

Harmonies

Analogous

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



456F88



5B6A8A



716484

Triad

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



5B6A8A



896057



4D725D

Complementary

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



5B6A8A



8A7B5B

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.



606F50



5B6A8A



80654C

Square

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



5B6A8A



8A5E66



726A49



3D736D

Rectangle

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



5B6A8A



7D617C



726A49



537158

Sweetspot

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



5B6A8A



A1A6B3



5B8A7A



4F5259



D9D9D9



595959

Same Dimension

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



5B6A8A



6981B3



635B8A



3E4045



002A85



000205

Inverse Universe

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



8A5B6A



B36981



828A5B



453E40



85002A



050002

Previews

White Background



This preview shows how the Hex color 5B6A8A looks on a white background.

Color Contrast Check

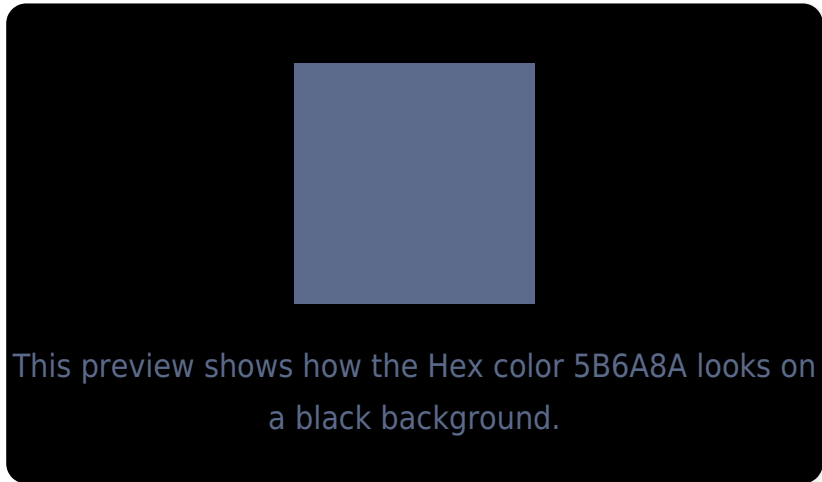
Large Text (above 18pt) WCAG AA ✓ Pass

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

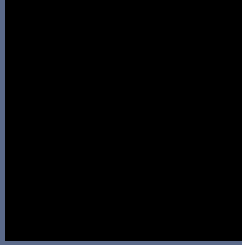
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

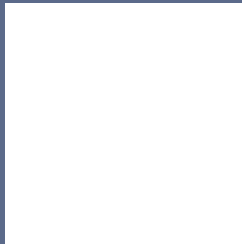
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5B6A8A Background



This preview shows how black text looks on a background with the Hex color 5B6A8A.

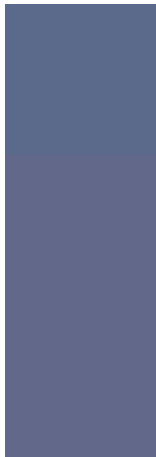


This preview shows how white text looks on a background with the Hex color 5B6A8A.

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
5B6A8A

Protanopia
616889

Deuteranopia
62688A



Tritanopia
566E76

Trichromacy



Original Color

5B6A8A

Protanomaly

5F6989

Deuteranomaly

5F698A

Tritanomaly

586D7D

Monochromacy



Original Color

5B6A8A

Achromatopsia

696969

Achromatomaly

646975

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6A8A 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 #5B6A8A looks like.

```
.text, #text, p{  
    color:#5B6A8A  
}
```

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 #5B6A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6A8A
}
```

Border

The CSS property to change the border of an element to Hex 5B6A8A 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
#5B6A8A }
```

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

```
.border{ border-color:#5B6A8A }
```

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

Here you see how a box with a 4 pixel #5B6A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6A8A; -webkit-box-shadow:4px 4px  
4px 4px #5B6A8A; box-shadow:4px 4px 4px  
4px #5B6A8A }
```

Background

The CSS property to change the background color of an element to Hex 5B6A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6A8A }
```

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

```
.background{ background-color:#5B6A8A }
```

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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