

Converting Colors

Hex(5D8AA3)

Have a look what the booklet for
Hex(5D8AA3) contains.

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Color

Hex(5D8AA3)

Conversions

Conversions Part 1

Format	Color
Hex	5D8AA3
RGB	93, 138, 163
RGB Percent	36%, 54%, 64%
CMY	0.6353, 0.4588, 0.3608
CMYK	0.43, 0.15, 0.00, 0.36
HSL	201°, 28%, 50%
HSV	201°, 43%, 64%
XYZ	20.2135, 23.1485, 38.0531
YIQ	127.3950, -34.8450, -1.7650

Conversions

Conversions Part 2

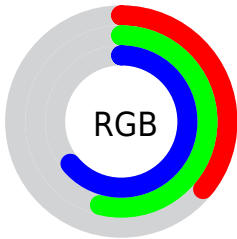
Format	Color
RYB	93, 120, 163
Decimal	6130339
CIELab	55.22, -8.55, -18.08
CIElCh	55, 19.997, 244.674
Yxy	23.1485, 0.2483, 0.2843
Android (android.graphics.Color)	4284320419 (0xFF5D8AA3)
YUV	127.3950, 17.5533, -30.1644
Hunter-Lab	48.1128, -9.2047, -13.2142

Details

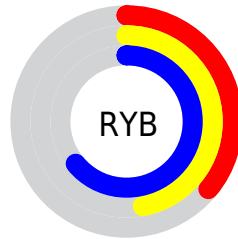
The Hex color **5D8AA3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A3765D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **92BFDA**, and **28586F** is the 20% darker color. If you saturate the color by 10%, you get **4D84A3**, and if you desaturate by 10%, it is **6D90A3**.

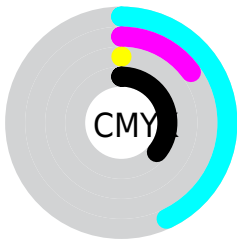
Distribution



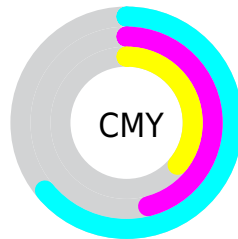
- Red (36%)
- Green (54%)
- Blue (64%)



- Red (36%)
- Yellow (47%)
- Blue (64%)



- Cyan (43%)
- Magenta (15%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8AA3 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 5D8AA3 by changing the saturation by 10% instead.

■ 5D8AA3

■ 5D8AA3

FFFFFF

■ 437189

■ 92BFDA

■ 28586F

■ AEDBF6

■ 074157

■ CAF8FF

■ 002B3F

■ E7FFFF

■ 001729

■ 000115

■ 000000

■ 5D8AA3

■ 5D8AA3

■ 4D84A3

■ 6D90A3

■ 3C7EA3

■ 7E96A3

■ 2C79A3

■ 8E9BA3

■ 1C73A3

■ 9EA1A3

■ 0C6DA3

■ AFA7A3

■ 0069A3

■ BFADA3

■ CFB3A3

■ DFB9A3

■ FOBEA3

Harmonies

Analogous

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



528D97



5D8AA3



7385A6

Triad

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



5D8AA3



A77882



7B8967

Complementary

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



5D8AA3



A3765D

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.



8E8462



5D8AA3



A77971

Square

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



5D8AA3



9D7A93



9E7E65



688D75

Rectangle

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



5D8AA3



8381A4



9E7E65



828865

Sweetspot

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



5D8AA3



B8CAD4



5DA376



5A656B



EBEBEB



6B6B6B

Same Dimension

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



5D8AA3



66ACD4



5D67A3



494F52



005D91



000B12

Inverse Universe

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



A35D8A



D466AC



A3995D



52494F



91005D



12000B

Previews

White Background



This preview shows how the Hex color 5D8AA3 looks on a white background.

Color Contrast Check

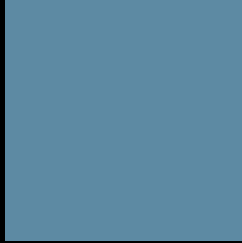
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5D8AA3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

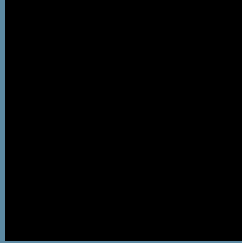
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5D8AA3 Background



This preview shows how black text looks on a background with the Hex color 5D8AA3.



This preview shows how white text looks on a background with the Hex color 5D8AA3.

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
5D8AA3

Protanopia
7E839E

Deuteranopia
7F81A5



Tritanopia
5A8C97

Trichromacy



Original Color
5D8AA3

Protanomaly
7286A0

Deuteranomaly
7384A4

Tritanomaly
5B8B9B

Monochromacy



Original Color
5D8AA3

Achromatopsia
7F7F7F

Achromatomaly
73838C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8AA3 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 #5D8AA3 looks like.

```
.text, #text, p{  
    color:#5D8AA3  
}
```

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 #5D8AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8AA3
}
```

Border

The CSS property to change the border of an element to Hex 5D8AA3 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
#5D8AA3 }
```

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

```
.border{ border-color:#5D8AA3 }
```

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

Here you see how a box with a 4 pixel #5D8AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8AA3; -webkit-box-shadow:4px 4px  
4px 4px #5D8AA3; box-shadow:4px 4px 4px  
4px #5D8AA3 }
```

Background

The CSS property to change the background color of an element to Hex 5D8AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8AA3 }
```

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

```
.background{ background-color:#5D8AA3 }
```

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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