

Converting Colors

Hex(5BA5A3)

Have a look what the booklet for
Hex(5BA5A3) contains.

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Color

Hex(5BA5A3)

Conversions

Conversions Part 1

Format	Color
Hex	5BA5A3
RGB	91, 165, 163
RGB Percent	36%, 65%, 64%
CMY	0.6431, 0.3529, 0.3608
CMYK	0.45, 0.00, 0.01, 0.35
HSL	178°, 29%, 50%
HSV	178°, 45%, 65%
XYZ	24.3804, 31.7788, 39.4993
YIQ	142.6460, -43.4620, -16.3100

Conversions

Conversions Part 2

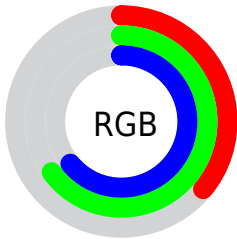
Format	Color
RYB	91, 129, 165
Decimal	6006179
CIELab	63.16, -23.51, -6.16
CIELCh	63, 24.308, 194.673
Yxy	31.7788, 0.2549, 0.3322
Android (android.graphics.Color)	4284196259 (0xFF5BA5A3)
YUV	142.6460, 10.0345, -45.2935
Hunter-Lab	56.3727, -21.4534, -2.0825

Details

The Hex color **5BA5A3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A55B5D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **92DCDA**, and **22716F** is the 20% darker color. If you saturate the color by 10%, you get **4AA5A3**, and if you desaturate by 10%, it is **6BA5A3**.

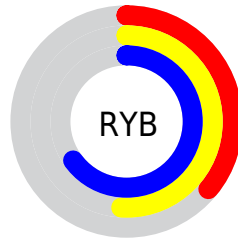
Distribution



Red (36%)

Green (65%)

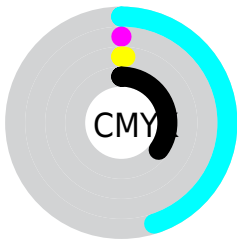
Blue (64%)



Red (36%)

Yellow (51%)

Blue (65%)

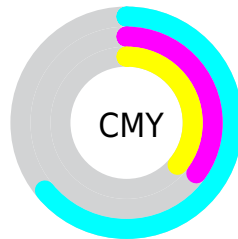


Cyan (45%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (64%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BA5A3 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 5BA5A3 by changing the saturation by 10% instead.

■ 5BA5A3

■ 5BA5A3

FFFFFF

■ 408A89

■ 92DCDA

■ 22716F

■ AEF9F6

■ 005857

■ CAFFFF

■ 004040

■ E7FFFF

■ 002A2A

■ 001416

■ 000000

■ 5BA5A3

■ 5BA5A3

■ 4AA5A3

■ 6BA5A3

■ 3AA5A2

■ 7CA5A4

■ 2AA5A2

■ 8CA5A4

■ 19A5A1

■ 9DA5A5

■ 08A5A1

■ ADA5A5

■ 00A5A1

■ BEA5A6

■ CEA5A6

■ DFA5A7

■ EFA5A7

Harmonies

Analogous

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



6DA48D



5BA5A3



5AA3B6

Triad

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



5BA5A3



A990B8



B39470

Complementary

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



5BA5A3



A55B5D

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.



C18D7B



5BA5A3



BD8AA5

Square

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



5BA5A3



8D97C2



C5898F



9E9B6F

Rectangle

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



5BA5A3



66A0BF



C5898F



B89172

Sweetspot

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



5BA5A3



BAD6D5



5DA55B



5A6B6B



EBEBEB



6B6B6B

Same Dimension

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



5BA5A3



63D6D3



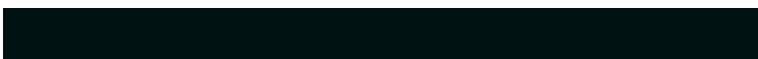
5B82A5



495251



00918D



001211

Inverse Universe

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



A55B5D



D66366



A57E5B



52494A



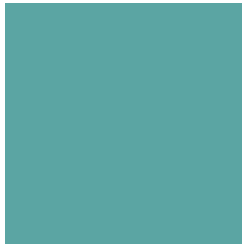
910004



120000

Previews

White Background



This preview shows how the Hex color 5BA5A3 looks on a white background.

Color Contrast Check

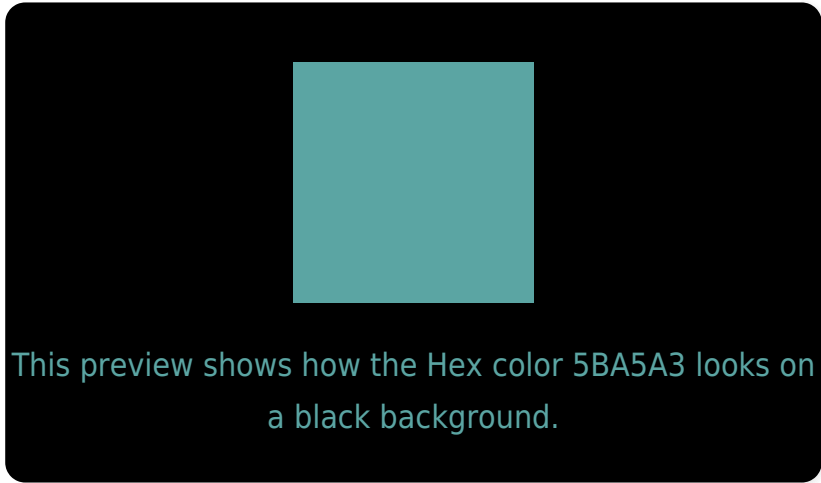
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

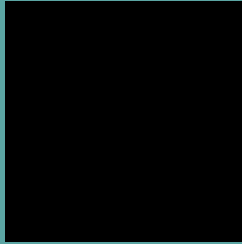
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 5BA5A3 Background



This preview shows how black text looks on a background with the Hex color 5BA5A3.

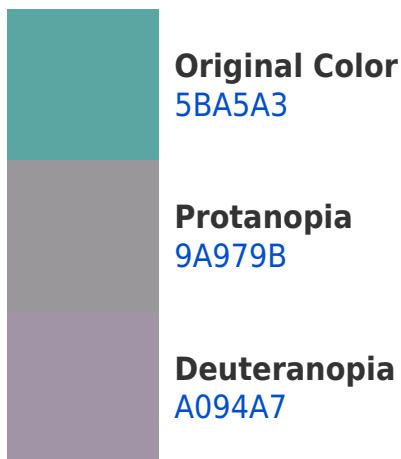


This preview shows how white text looks on a background with the Hex color 5BA5A3.

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



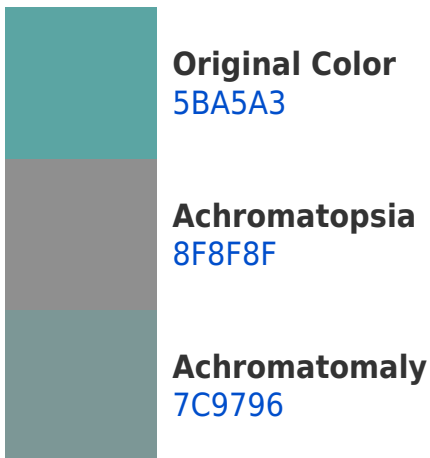


Tritanopia
5FA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BA5A3 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 #5BA5A3 looks like.

```
.text, #text, p{  
    color:#5BA5A3  
}
```

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 #5BA5A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA5A3
}
```

Border

The CSS property to change the border of an element to Hex 5BA5A3 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
#5BA5A3 }
```

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

```
.border{ border-color:#5BA5A3 }
```

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

Here you see how a box with a 4 pixel #5BA5A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA5A3; -webkit-box-shadow:4px 4px  
4px 4px #5BA5A3; box-shadow:4px 4px 4px  
4px #5BA5A3 }
```

Background

The CSS property to change the background color of an element to Hex 5BA5A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA5A3 }
```

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

```
.background{ background-color:#5BA5A3 }
```

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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