

Converting Colors

Hex(5AA094)

Have a look what the booklet for
Hex(5AA094) contains.

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Color

Hex(5AA094)

Conversions

Conversions Part 1

Format	Color
Hex	5AA094
RGB	90, 160, 148
RGB Percent	35%, 63%, 58%
CMY	0.6471, 0.3725, 0.4196
CMYK	0.44, 0.00, 0.07, 0.37
HSL	170°, 28%, 49%
HSV	170°, 44%, 63%
XYZ	22.1326, 29.4534, 32.5355
YIQ	137.7020, -37.8680, -18.5720

Conversions

Conversions Part 2

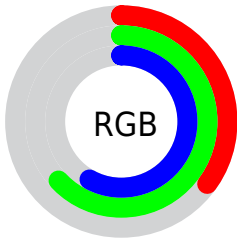
Format	Color
R_{YB}	90, 128, 160
Decimal	5939348
CIE _{Lab}	61.18, -25.06, -0.64
CIE _{LCh}	61, 25.069, 181.466
Yxy	29.4534, 0.2631, 0.3501
Android (android.graphics.Color)	4284129428 (0xFF5AA094)
YUV	137.7020, 5.0769, -41.8347
Hunter-Lab	54.2710, -22.1791, 2.4452

Details

The Hex color **5AA094** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A05A66**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **90D7CA**, and **236C61** is the 20% darker color. If you saturate the color by 10%, you get **4AA091**, and if you desaturate by 10%, it is **6AA097**.

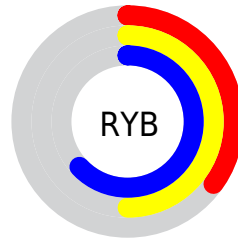
Distribution



Red (35%)

Green (63%)

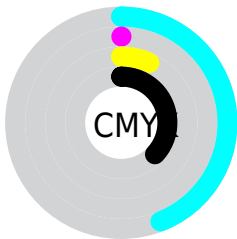
Blue (58%)



Red (35%)

Yellow (50%)

Blue (63%)

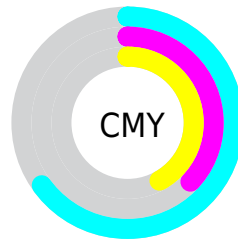


Cyan (44%)

Magenta (0%)

Yellow (7%)

Black (37%)



Cyan (65%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA094 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 5AA094 by changing the saturation by 10% instead.

 5AA094

 5AA094

FFFFFF

 3F867A

 90D7CA

 236C61

 ACF4E6

 00534A

 C8FFFF

 003C33

 E5FFFF

 00261E

 000806

 000000

 5AA094

 5AA094

 4AA091

 6AA097

■ 3AA08F

■ 7AA099

■ 2AA08C

■ 8AA09C

■ 1AA089

■ 9AA09F

■ 0AA086

■ AAA0A2

■ 00A085

■ BAA0A4

■ CAA0A7

■ DAA0AA

■ EAA0AD

Harmonies

Analogous

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



719E7E



5AA094



4F9FAA

Triad

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



5AA094



988EB9



B58B6D

Complementary

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



5AA094



A05A66

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.



BF857E



5AA094



B187A9

Square

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



5AA094



7995C0



BE8393



A29367

Rectangle

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



5AA094



559DB6



BE8393



BA8972

Sweetspot

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



5AA094



B6D1CC



67A05A



586966



E8E8E8



696969

Same Dimension

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



5AA094



62D1BE



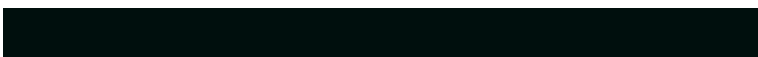
5A8AA0



474F4E



008F76



000F0D

Inverse Universe

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



A05A66



D16275



A0705A



4F4749



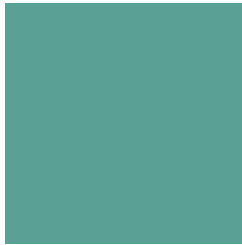
8F0018



0F0003

Previews

White Background



This preview shows how the Hex color 5AA094 looks on a white background.

Color Contrast Check

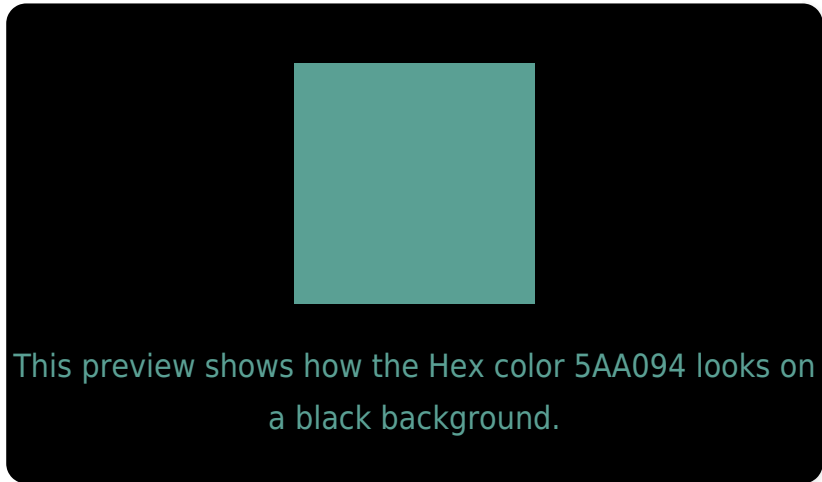
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

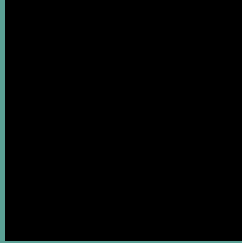
Any Text WCAG AA ✓ Pass

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 5AA094 Background



This preview shows how black text looks on a background with the Hex color 5AA094.

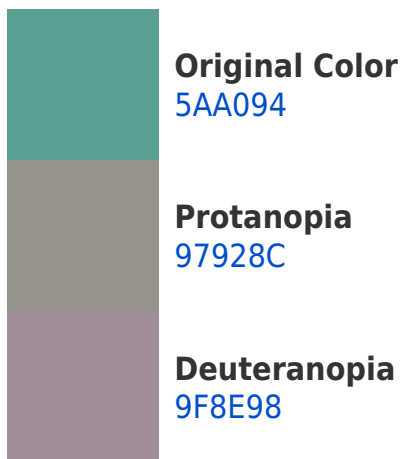


This preview shows how white text looks on a background with the Hex color 5AA094.

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
609DA9

Trichromacy



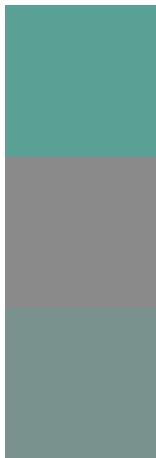
Original Color
5AA094

Protanomaly
81978F

Deuteranomaly
869597

Tritanomaly
5E9EA1

Monochromacy



Original Color
5AA094

Achromatopsia
8A8A8A

Achromatomaly
79928E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA094 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 #5AA094 looks like.

```
.text, #text, p{  
    color:#5AA094  
}
```

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 #5AA094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA094
}
```

Border

The CSS property to change the border of an element to Hex 5AA094 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
#5AA094 }
```

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

```
.border{ border-color:#5AA094 }
```

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

Here you see how a box with a 4 pixel #5AA094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA094; -webkit-box-shadow:4px 4px  
4px 4px #5AA094; box-shadow:4px 4px 4px  
4px #5AA094 }
```

Background

The CSS property to change the background color of an element to Hex 5AA094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA094 }
```

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

```
.background{ background-color:#5AA094 }
```

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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