

Converting Colors

Hex(5BA4A4)

Have a look what the booklet for
Hex(5BA4A4) contains.

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Color

Hex(5BA4A4)

Conversions

Conversions Part 1

Format	Color
Hex	5BA4A4
RGB	91, 164, 164
RGB Percent	36%, 64%, 64%
CMY	0.6431, 0.3569, 0.3569
CMYK	0.45, 0.00, 0.00, 0.36
HSL	180°, 29%, 50%
HSV	180°, 45%, 64%
XYZ	24.2907, 31.4554, 39.9132
YIQ	142.1730, -43.5080, -15.4760

Conversions

Conversions Part 2

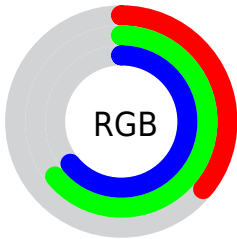
Format	Color
RYB	91, 128, 164
Decimal	6005924
CIELab	62.89, -22.74, -7.12
CIElCh	63, 23.832, 197.379
Yxy	31.4554, 0.2539, 0.3288
Android (android.graphics.Color)	4284196004 (0xFF5BA4A4)
YUV	142.1730, 10.7607, -44.8787
Hunter-Lab	56.0851, -20.8399, -2.9344

Details

The Hex color **5BA4A4** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A45B5B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **92DBDB**, and **227070** is the 20% darker color. If you saturate the color by 10%, you get **4BA4A4**, and if you desaturate by 10%, it is **6BA4A4**.

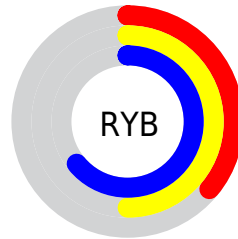
Distribution



Red (36%)

Green (64%)

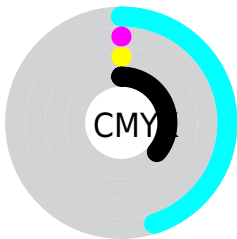
Blue (64%)



Red (36%)

Yellow (50%)

Blue (64%)

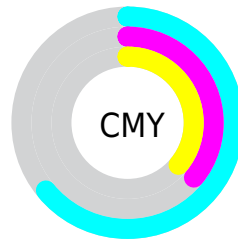


Cyan (45%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BA4A4 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 5BA4A4 by changing the saturation by 10% instead.



5BA4A4



5BA4A4

FFFFFF



408A8A



92DBDB



227070



AEF8F7



005758



CAFFFF



004041



E7FFFF



00292B



001316



000000



5BA4A4



5BA4A4



4BA4A4



6BA4A4

3AA4A4

7CA4A4

2AA4A4

8CA4A4

19A4A4

9DA4A4

09A4A4

ADA4A4

00A4A4

BDA4A4

CEA4A4

DEA4A4

EFA4A4

Harmonies

Analogous

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



6BA38E



5BA4A4



5CA2B7

Triad

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



5BA4A4



AA8FB5



B0946F

Complementary

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



5BA4A4



A45B5B

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.



BE8D7A



5BA4A4



BD8AA2

Square

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



5BA4A4



8F96C0



C3898C



9B9B70

Rectangle

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



5BA4A4



699FBF



C3898C



B69172

Sweetspot

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



5BA4A4



BAD6D6



5BA45B



5A6B6B



EBEBEB



6B6B6B

Same Dimension

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



5BA4A4



65D6D6



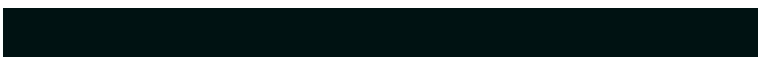
5B7FA4



495252



009191



001212

Inverse Universe

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



A45BA4



D665D6



A47F5B



524952



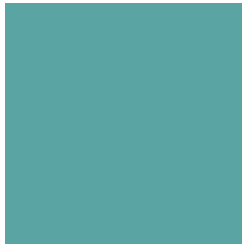
910091



120012

Previews

White Background



This preview shows how the Hex color 5BA4A4 looks on a white background.

Color Contrast Check

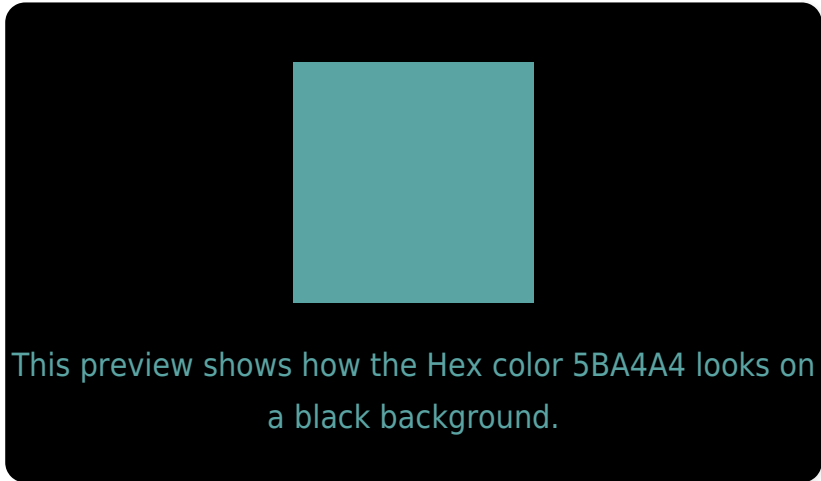
Large Text (above 18pt) WCAG AA × Fail

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

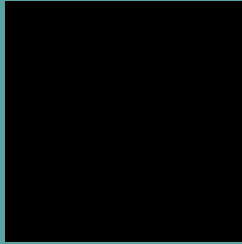
Any Text WCAG AA ✓ Pass

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 5BA4A4 Background



This preview shows how black text looks on a background with the Hex color 5BA4A4.

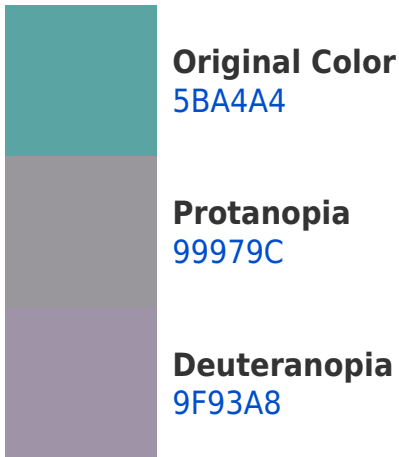


This preview shows how white text looks on a background with the Hex color 5BA4A4.

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



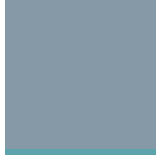
Trichromacy



Original Color
5BA4A4



Protanomaly
829C9F



Deuteranomaly
8699A7



Tritanomaly
5DA3AB

Monochromacy



Original Color
5BA4A4



Achromatopsia
8E8E8E



Achromatomaly
7B9696

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BA4A4 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 #5BA4A4 looks like.

```
.text, #text, p{  
    color:#5BA4A4  
}
```

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 #5BA4A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA4A4
}
```

Border

The CSS property to change the border of an element to Hex 5BA4A4 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
#5BA4A4 }
```

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

```
.border{ border-color:#5BA4A4 }
```

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

Here you see how a box with a 4 pixel #5BA4A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA4A4; -webkit-box-shadow:4px 4px  
4px 4px #5BA4A4; box-shadow:4px 4px 4px  
4px #5BA4A4 }
```

Background

The CSS property to change the background color of an element to Hex 5BA4A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA4A4 }
```

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

```
.background{ background-color:#5BA4A4 }
```

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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