

Converting Colors

Hex(4995BA)

Have a look what the booklet for
Hex(4995BA) contains.

Hex(4995BA)	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(4995BA)

Conversions

Conversions Part 1

Format	Color
Hex	4995BA
RGB	73, 149, 186
RGB Percent	29%, 58%, 73%
CMY	0.7137, 0.4157, 0.2706
CMYK	0.61, 0.20, 0.00, 0.27
HSL	200°, 45%, 51%
HSV	200°, 61%, 73%
XYZ	22.3580, 26.4565, 50.3826
YIQ	130.4940, -57.1730, -4.6050

Conversions

Conversions Part 2

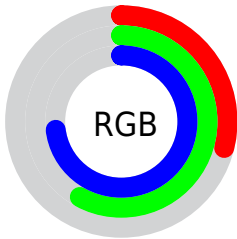
Format	Color
R _Y B	73, 118, 186
Decimal	4822458
CIE Lab	58.47, -12.33, -26.30
CIE LCh	58, 29.047, 244.880
Yxy	26.4565, 0.2254, 0.2667
Android (android.graphics.Color)	4283012538 (0xFF4995BA)
YUV	130.4940, 27.3645, -50.4222
Hunter-Lab	51.4359, -12.4229, -22.0707

Details

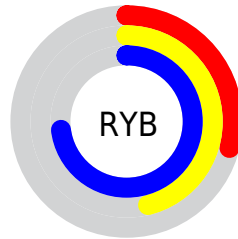
The Hex color **4995BA** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BA6E49**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **83CBF2**, and **006285** is the 20% darker color. If you saturate the color by 10%, you get **368FBA**, and if you desaturate by 10%, it is **5C9BBA**.

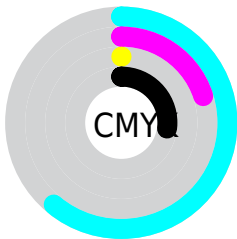
Distribution



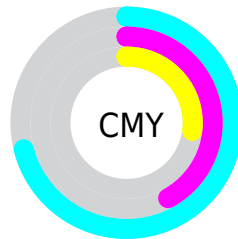
- Red (29%)
- Green (58%)
- Blue (73%)



- Red (29%)
- Yellow (46%)
- Blue (73%)



- Cyan (61%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)



- Cyan (71%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4995BA 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 4995BA by changing the saturation by 10% instead.

■ 4995BA

■ 4995BA

FFFFFF

■ 287B9F

■ 83CBF2

■ 006285

■ A0E7FF

■ 004A6B

■ BDFFFF

■ 003453

■ DAFFFF

■ 001F3C

■ F8FFFF

■ 000326

■ 00010F

■ 000000

■ 4995BA

■ 4995BA

■ 368FBA

■ 5C9BBA

■ 2489BA

■ 6EA1BA

■ 1183BA

■ 81A7BA

■ 007DBA

■ 93ADBA

■ A6B3BA

■ B9BABA

■ CBC0BA

■ DEC6BA

■ F0CCBA

Harmonies

Analogous

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



3399A9



4995BA



708EBF

Triad

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



4995BA



BE7989



7F9462

Complementary

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



4995BA



BA6E49

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.



9A8C5A



4995BA



BD7C71

Square

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



4995BA



B07DA3



B0845F



609976

Rectangle

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



4995BA



8A88BB



B0845F



88925E

Sweetspot

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



4995BA



C7E4F2



49BA6D



5F727A



FAFAFA



7A7A7A

Same Dimension

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



4995BA



41B8F2



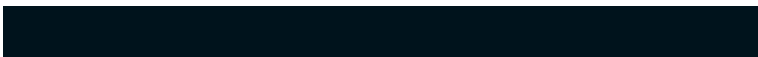
495EBA



53595C



00699C



00131C

Inverse Universe

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



BA4995



F241B8



BAA549



5C5359



9C0069



1C0013

Previews

White Background



This preview shows how the Hex color 4995BA looks on a white background.

Color Contrast Check

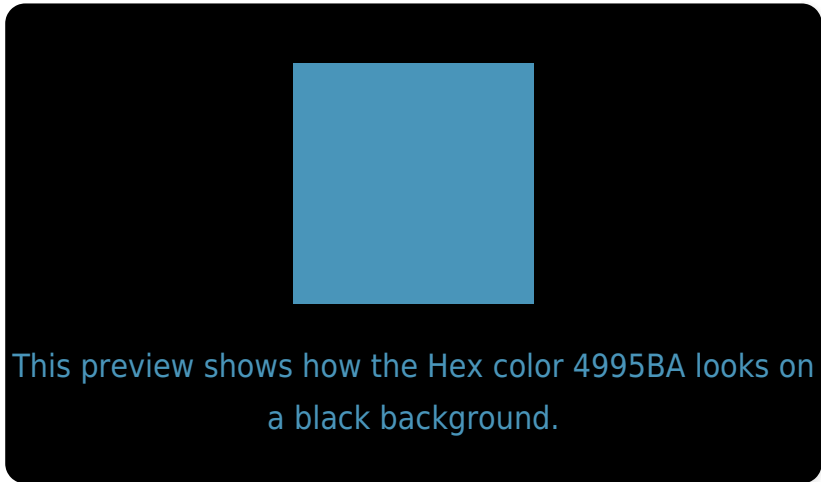
Large Text (above 18pt) WCAG AA ✓ Pass

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

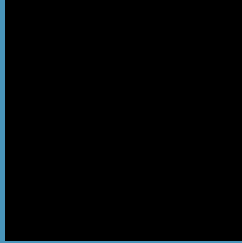
Any Text WCAG AA ✓ Pass

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 4995BA Background



This preview shows how black text looks on a background with the Hex color 4995BA.

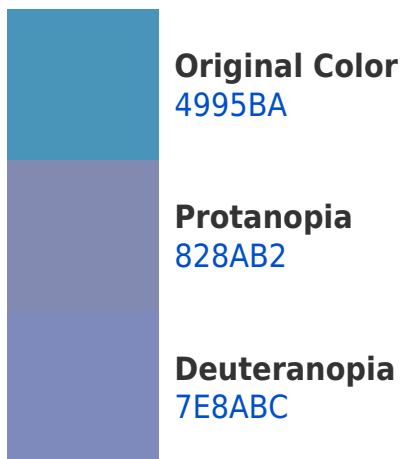


This preview shows how white text looks on a background with the Hex color 4995BA.

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](#).

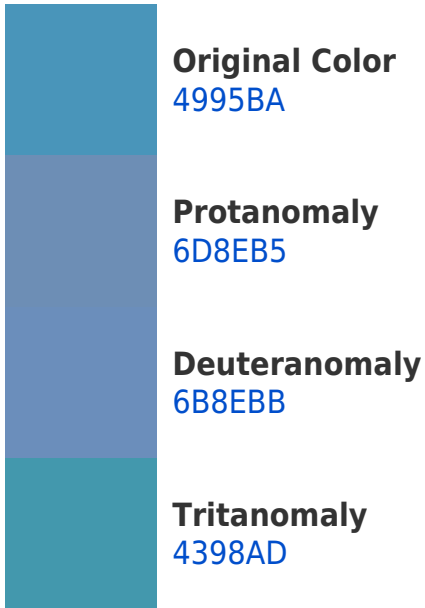
Dichromacy



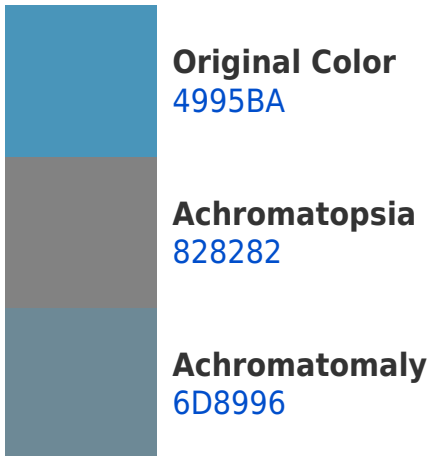


Tritanopia
3F99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4995BA 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 #4995BA looks like.

```
.text, #text, p{  
    color:#4995BA  
}
```

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 #4995BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4995BA
}
```

Border

The CSS property to change the border of an element to Hex 4995BA 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
#4995BA }
```

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

```
.border{ border-color:#4995BA }
```

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

Here you see how a box with a 4 pixel #4995BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4995BA; -webkit-box-shadow:4px 4px  
4px 4px #4995BA; box-shadow:4px 4px 4px  
4px #4995BA }
```

Background

The CSS property to change the background color of an element to Hex 4995BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4995BA }
```

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

```
.background{ background-color:#4995BA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor