

Converting Colors

Hex(4495BA)

Have a look what the booklet for
Hex(4495BA) contains.

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Color

Hex(4495BA)

Conversions

Conversions Part 1

Format	Color
Hex	4495BA
RGB	68, 149, 186
RGB Percent	27%, 58%, 73%
CMY	0.7333, 0.4157, 0.2706
CMYK	0.63, 0.20, 0.00, 0.27
HSL	199°, 46%, 50%
HSV	199°, 63%, 73%
XYZ	21.9943, 26.2690, 50.3656
YIQ	128.9990, -60.1530, -5.6650

Conversions

Conversions Part 2

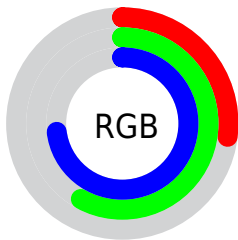
Format	Color
R _Y B	68, 116, 186
Decimal	4494778
CIE Lab	58.29, -13.25, -26.59
CIE LCh	58, 29.707, 243.503
Yxy	26.2690, 0.2230, 0.2663
Android (android.graphics.Color)	4282684858 (0xFF4495BA)
YUV	128.9990, 28.1015, -53.4961
Hunter-Lab	51.2533, -13.0938, -22.3858

Details

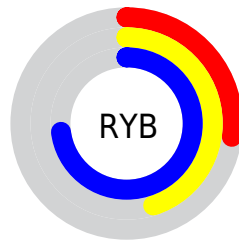
The Hex color **4495BA** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BA6944**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **7FCBF2**, and **006285** is the 20% darker color. If you saturate the color by 10%, you get **318FBA**, and if you desaturate by 10%, it is **579BBA**.

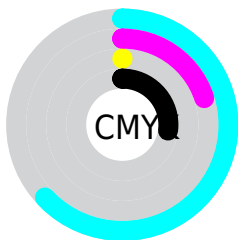
Distribution



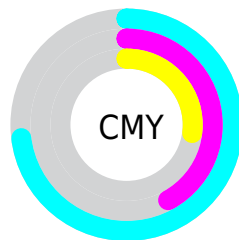
- Red (27%)
- Green (58%)
- Blue (73%)



- Red (27%)
- Yellow (45%)
- Blue (73%)



- Cyan (63%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)



- Cyan (73%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4495BA 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 4495BA by changing the saturation by 10% instead.

■ 4495BA

■ 4495BA

FFFFFF

■ 207B9F

■ 7FCBF2

■ 006285

■ 9CE7FF

■ 004A6B

■ B9FFFF

■ 003453

■ D6FFFF

■ 001F3C

■ F4FFFF

■ 000326

■ 00010F

■ 000000

■ 4495BA

■ 4495BA

■ 318FBA

■ 579BBA

■ 1F89BA

■ 69A1BA

■ 0C84BA

■ 7CA6BA

■ 0080BA

■ 8EACBA

■ A1B2BA

■ B4B8BA

■ C6BEBA

■ D9C4BA

■ EBC9BA

Harmonies

Analogous

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



2E99A8



4495BA



6D8EC0

Triad

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



4495BA



BE788A



7F9360

Complementary

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



4495BA



BA6944

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.



9B8C58



4495BA



BE7B71

Square

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



4495BA



B07CA4



B1835E



609874

Rectangle

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



4495BA



8787BC



B1835E



89915C

Sweetspot

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



4495BA



C4E4F2



44BA67



5E727A



FAFAFA



7A7A7A

Same Dimension

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



4495BA



3AB9F2



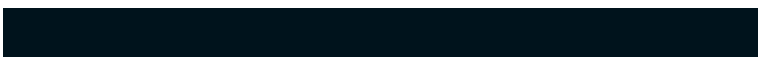
445CBA



53595C



006B9C



00131C

Inverse Universe

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



BA4495



F23AB9



BAA244



5C5359



9C006B



1C0013

Previews

White Background



This preview shows how the Hex color 4495BA looks on a white background.

Color Contrast Check

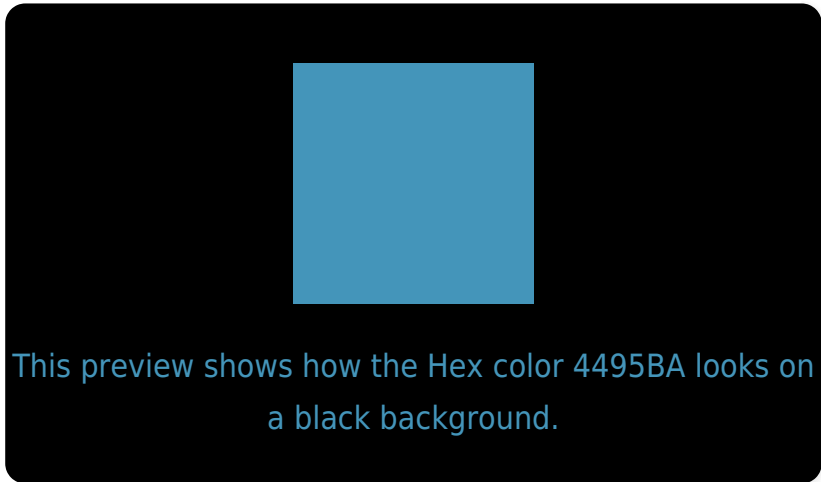
Large Text (above 18pt) WCAG AA ✓ Pass

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

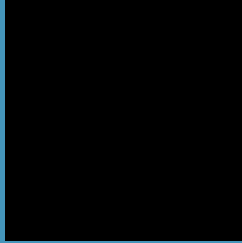
Any Text WCAG AA ✓ Pass

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 4495BA Background



This preview shows how black text looks on a background with the Hex color 4495BA.

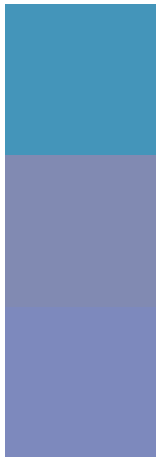


This preview shows how white text looks on a background with the Hex color 4495BA.

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
4495BA

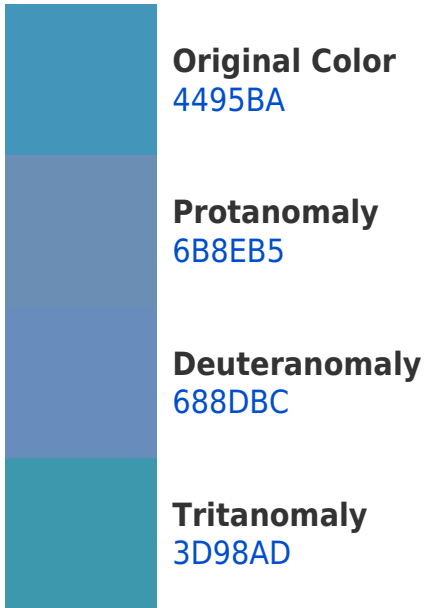
Protanopia
818AB2

Deuteranopia
7D89BD



Tritanopia
3999A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4495BA 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 #4495BA looks like.

```
.text, #text, p{  
    color:#4495BA  
}
```

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 #4495BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4495BA
}
```

Border

The CSS property to change the border of an element to Hex 4495BA 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
#4495BA }
```

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

```
.border{ border-color:#4495BA }
```

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

Here you see how a box with a 4 pixel #4495BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4495BA; -webkit-box-shadow:4px 4px  
4px 4px #4495BA; box-shadow:4px 4px 4px  
4px #4495BA }
```

Background

The CSS property to change the background color of an element to Hex 4495BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4495BA }
```

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

```
.background{ background-color:#4495BA }
```

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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