

Converting Colors

Hex(4E95BC)

Have a look what the booklet for
Hex(4E95BC) contains.

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Color

Hex(4E95BC)

Conversions

Conversions Part 1

Format	Color
Hex	4E95BC
RGB	78, 149, 188
RGB Percent	31%, 58%, 74%
CMY	0.6941, 0.4157, 0.2627
CMYK	0.59, 0.21, 0.00, 0.26
HSL	201°, 45%, 52%
HSV	201°, 59%, 74%
XYZ	22.9664, 26.7454, 51.5289
YIQ	132.2170, -54.8350, -2.9230

Conversions

Conversions Part 2

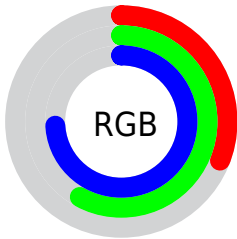
Format	Color
R_{YB}	78, 121, 188
Decimal	5150140
CIE Lab	58.74, -10.72, -27.00
CIE LCh	59, 29.049, 248.344
Yxy	26.7454, 0.2268, 0.2642
Android (android.graphics.Color)	4283340220 (0xFF4E95BC)
YUV	132.2170, 27.5010, -47.5483
Hunter-Lab	51.7160, -11.2333, -22.8743

Details

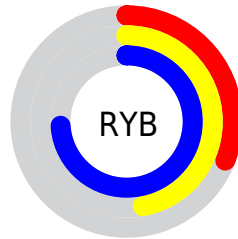
The Hex color **4E95BC** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BC754E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **87CBF4**, and **006287** is the 20% darker color. If you saturate the color by 10%, you get **3B8EBC**, and if you desaturate by 10%, it is **619CBC**.

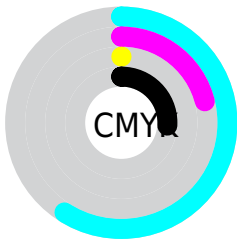
Distribution



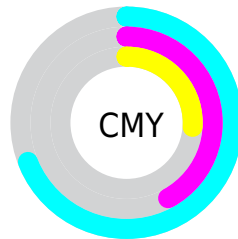
- Red (31%)
- Green (58%)
- Blue (74%)



- Red (31%)
- Yellow (47%)
- Blue (74%)



- Cyan (59%)
- Magenta (21%)
- Yellow (0%)
- Black (26%)



- Cyan (69%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E95BC 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 4E95BC by changing the saturation by 10% instead.

■ 4E95BC

■ 4E95BC

FFFFFF

■ 2F7BA1

■ 87CBF4

■ 006287

■ A4E7FF

■ 004B6D

■ C1FFFF

■ 003455

■ DEFFFF

■ 001F3D

■ FCFFFF

■ 000327

■ 000111

■ 000000

■ 4E95BC

■ 4E95BC

■ 3B8EBC

■ 619CBC

■ 2888BC

■ 74A2BC

■ 1681BC

■ 86A9BC

■ 037ABC

■ 99B0BC

■ 0079BC

■ ACB6BC

■ BFBDBC

■ D2C4BC

■ E4CABC

■ F7D1BC

Harmonies

Analogous

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



349AAC



4E95BC



768DBF

Triad

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



4E95BC



BF7A87



7C9565

Complementary

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



4E95BC



BC754E

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.



988E5A



4E95BC



BD7E6F

Square

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



4E95BC



B37DA1



AE855E



5D9A7A

Rectangle

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



4E95BC



8F87BA



AE855E



869360

Sweetspot

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



4E95BC



C9E5F5



4EBC75



5F717A



FAFAFA



7A7A7A

Same Dimension

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



4E95BC



49B8F5



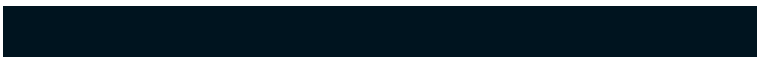
4E5EBC



555B5E



00669E



00141F

Inverse Universe

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



BC4E95



F549B8



BCAC4E



5E555B



9E0066



1F0014

Previews

White Background



This preview shows how the Hex color 4E95BC looks on a white background.

Color Contrast Check

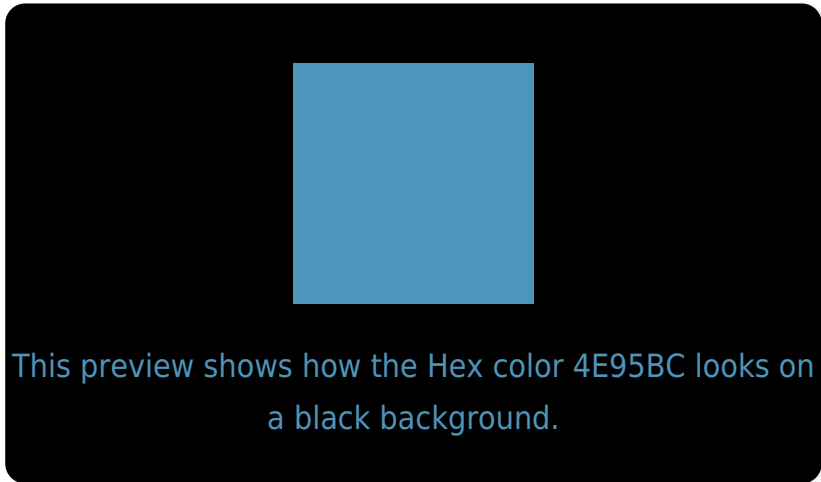
Large Text (above 18pt) WCAG AA ✓ Pass

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

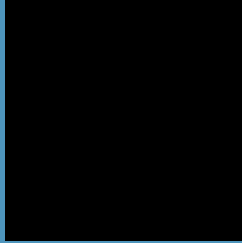
Any Text WCAG AA ✓ Pass

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 4E95BC Background



This preview shows how black text looks on a background with the Hex color 4E95BC.

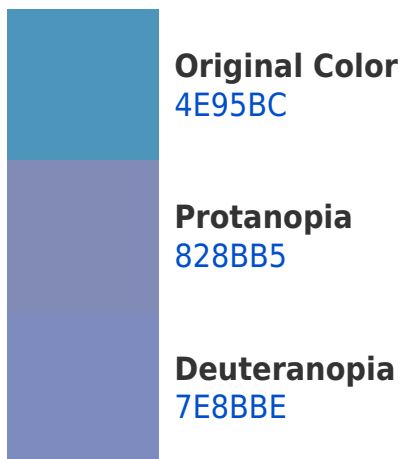


This preview shows how white text looks on a background with the Hex color 4E95BC.

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](#).

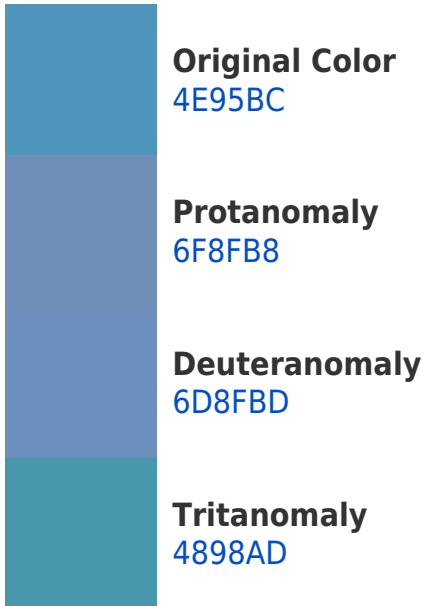
Dichromacy





Tritanopia
4499A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E95BC 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 #4E95BC looks like.

```
.text, #text, p{  
    color:#4E95BC  
}
```

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 #4E95BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E95BC
}
```

Border

The CSS property to change the border of an element to Hex 4E95BC 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
#4E95BC }
```

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

```
.border{ border-color:#4E95BC }
```

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

Here you see how a box with a 4 pixel #4E95BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E95BC; -webkit-box-shadow:4px 4px  
4px 4px #4E95BC; box-shadow:4px 4px 4px  
4px #4E95BC }
```

Background

The CSS property to change the background color of an element to Hex 4E95BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E95BC }
```

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

```
.background{ background-color:#4E95BC }
```

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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