

Converting Colors

Hex(4990BE)

Have a look what the booklet for
Hex(4990BE) contains.

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Color

Hex(4990BE)

Conversions

Conversions Part 1

Format	Color
Hex	4990BE
RGB	73, 144, 190
RGB Percent	29%, 56%, 75%
CMY	0.7137, 0.4353, 0.2549
CMYK	0.62, 0.24, 0.00, 0.25
HSL	204°, 47%, 52%
HSV	204°, 62%, 75%
XYZ	22.0152, 25.0807, 52.3959
YIQ	128.0150, -57.0820, -0.7460

Conversions

Conversions Part 2

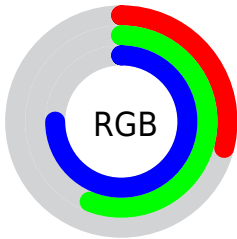
Format	Color
R_{YB}	73, 117, 190
Decimal	4821182
CIE _{Lab}	57.15, -8.25, -30.60
CIE _{LCh}	57, 31.692, 254.905
Yxy	25.0807, 0.2213, 0.2521
Android (android.graphics.Color)	4283011262 (0xFF4990BE)
YUV	128.0150, 30.5586, -48.2482
Hunter-Lab	50.0806, -9.1734, -26.9746

Details

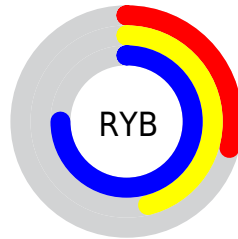
The Hex color **4990BE** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BE7749**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **83C6F6**, and **005E88** is the 20% darker color. If you saturate the color by 10%, you get **3689BE**, and if you desaturate by 10%, it is **5C97BE**.

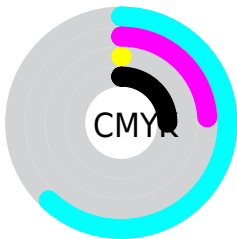
Distribution



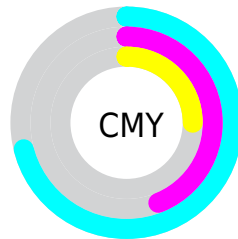
- Red (29%)
- Green (56%)
- Blue (75%)



- Red (29%)
- Yellow (46%)
- Blue (75%)



- Cyan (62%)
- Magenta (24%)
- Yellow (0%)
- Black (25%)



- Cyan (71%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4990BE 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 4990BE by changing the saturation by 10% instead.

■ 4990BE

■ 4990BE

FFFFFF

■ 2876A3

■ 83C6F6

■ 005E88

■ A0E2FF

■ 00466F

■ BDFEFF

■ 003056

■ DAFFFF

■ 001C3F

■ F8FFFF

■ 000329

■ 000112

■ 000000

■ 4990BE

■ 4990BE

■ 3689BE

■ 5C97BE

■ 2381BE

■ 6F9FBE

■ 107ABE

■ 82A6BE

■ 0073BE

■ 95AEBE

■ A8B5BE

■ BBBDBE

■ CEC4BE

■ E1CCBE

■ F4D3BE

Harmonies

Analogous

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



1B96AF



4990BE



7887BE

Triad

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



4990BE



BF747C



6F9361

Complementary

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



4990BE



BE7749

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.



8E8C53



4990BE



BA7963

Square

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



4990BE



B67598



A88354



4C977A

Rectangle

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



4990BE



9280B7



A88354



7A915B

Sweetspot

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



4990BE



CBE6F7



49BE76



61727D



FCFCFC



7D7D7D

Same Dimension

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



4990BE



40AFF7



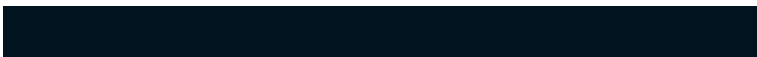
4957BE



555B5E



00609E



00131F

Inverse Universe

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



BE4990



F740AF



BEB049



5E555B



9E0060



1F0013

Previews

White Background



This preview shows how the Hex color 4990BE looks on a white background.

Color Contrast Check

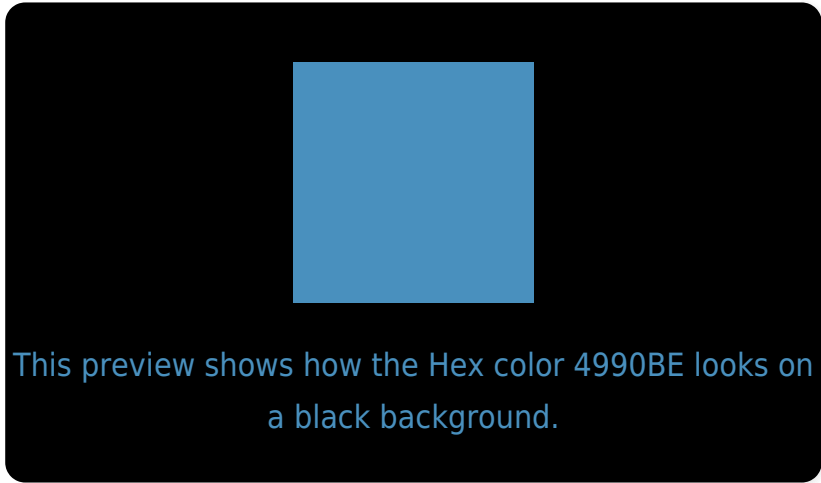
Large Text (above 18pt) WCAG AA ✓ Pass

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

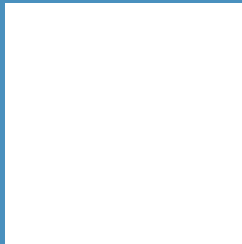
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4990BE Background



This preview shows how black text looks on a background with the Hex color 4990BE.

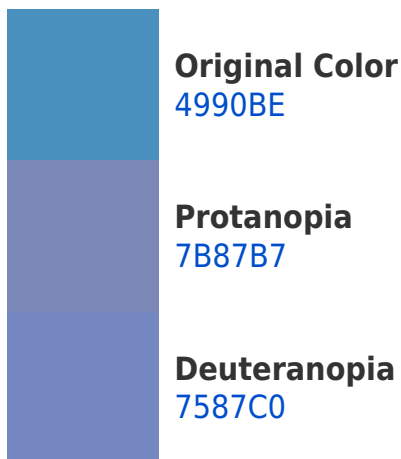


This preview shows how white text looks on a background with the Hex color 4990BE.

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](#).

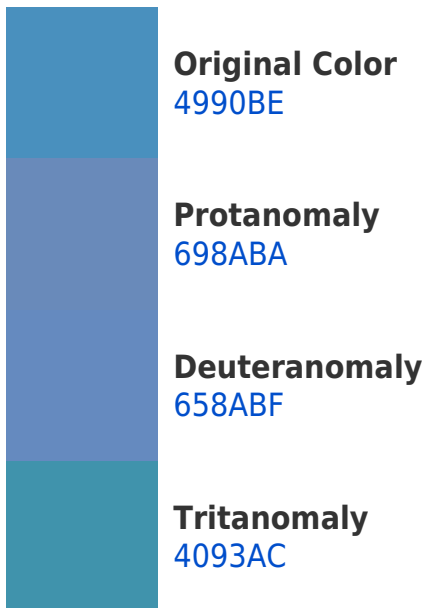
Dichromacy





Tritanopia
3B95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4990BE 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 #4990BE looks like.

```
.text, #text, p{  
    color:#4990BE  
}
```

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 #4990BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4990BE
}
```

Border

The CSS property to change the border of an element to Hex 4990BE 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
#4990BE }
```

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

```
.border{ border-color:#4990BE }
```

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

Here you see how a box with a 4 pixel #4990BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4990BE; -webkit-box-shadow:4px 4px  
4px 4px #4990BE; box-shadow:4px 4px 4px  
4px #4990BE }
```

Background

The CSS property to change the background color of an element to Hex 4990BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4990BE }
```

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

```
.background{ background-color:#4990BE }
```

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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