

Converting Colors

Hex(4E90BE)

Have a look what the booklet for
Hex(4E90BE) contains.

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Color

Hex(4E90BE)

Conversions

Conversions Part 1

Format	Color
Hex	4E90BE
RGB	78, 144, 190
RGB Percent	31%, 56%, 75%
CMY	0.6941, 0.4353, 0.2549
CMYK	0.59, 0.24, 0.00, 0.25
HSL	205°, 46%, 53%
HSV	205°, 59%, 75%
XYZ	22.4094, 25.2839, 52.4144
YIQ	129.5100, -54.1020, 0.3140

Conversions

Conversions Part 2

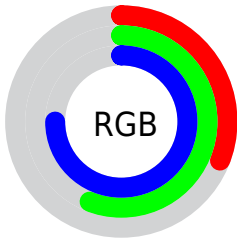
Format	Color
R_{YB}	78, 120, 190
Decimal	5148862
CIE _{Lab}	57.35, -7.28, -30.28
CIE _{LCh}	57, 31.141, 256.480
Yxy	25.2839, 0.2239, 0.2526
Android (android.graphics.Color)	4283338942 (0xFF4E90BE)
YUV	129.5100, 29.8216, -45.1743
Hunter-Lab	50.2831, -8.4443, -26.6048

Details

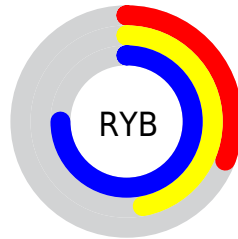
The Hex color **4E90BE** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BE7C4E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **87C6F6**, and **005E88** is the 20% darker color. If you saturate the color by 10%, you get **3B88BE**, and if you desaturate by 10%, it is **6198BE**.

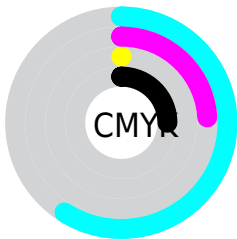
Distribution



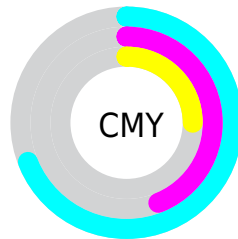
- Red (31%)
- Green (56%)
- Blue (75%)



- Red (31%)
- Yellow (47%)
- Blue (75%)



- Cyan (59%)
- Magenta (24%)
- Yellow (0%)
- Black (25%)



- Cyan (69%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E90BE 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 4E90BE by changing the saturation by 10% instead.

■ 4E90BE

■ 4E90BE

FFFFFF

■ 2F76A3

■ 87C6F6

■ 005E88

■ A4E2FF

■ 00466F

■ C1FEFF

■ 003056

■ DEFFFF

■ 001C3F

■ FCFEFC

■ 000329

■ 000112

■ 000000

■ 4E90BE

■ 4E90BE

■ 3B88BE

■ 6198BE

■ 2880BE

■ 74A0BE

■ 1579BE

■ 87A7BE

■ 0271BE

■ 9AAFBE

■ 0070BE

■ ADB7BE

■ C0BFBE

■ D3C7BE

■ E6CEBE

■ F9D6BE

Harmonies

Analogous

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



2496B0



4E90BE



7B87BE

Triad

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



4E90BE



BF757C



6E9463

Complementary

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



4E90BE



BE7C4E

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.



8D8D55



4E90BE



B97B63

Square

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



4E90BE



B77697



A78455



4C977C

Rectangle

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



4E90BE



9581B5



A78455



79925D

Sweetspot

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



4E90BE



CBE5F7



4EBE7B



61727D



FCFCFC



7D7D7D

Same Dimension

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



4E90BE



48AFF7



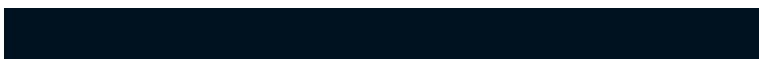
4E59BE



555A5E



005D9E



00121F

Inverse Universe

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



BE4E90



F748AF



BEB34E



5E555A



9E005D



1F0012

Previews

White Background



This preview shows how the Hex color 4E90BE looks on a white background.

Color Contrast Check

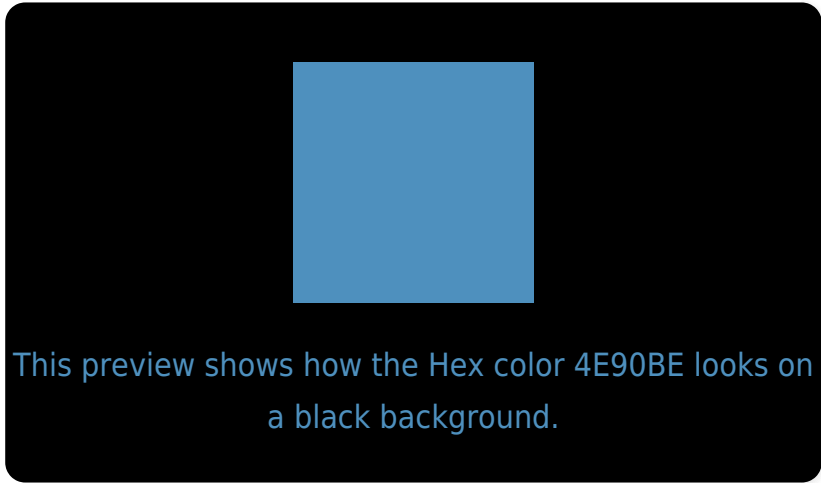
Large Text (above 18pt) WCAG AA ✓ Pass

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

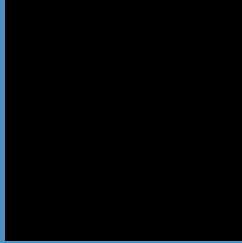
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

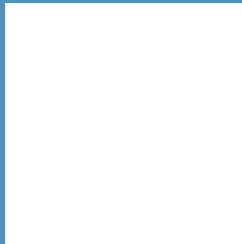
Any Text WCAG AAA × Fail

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

Hex 4E90BE Background



This preview shows how black text looks on a background with the Hex color 4E90BE.

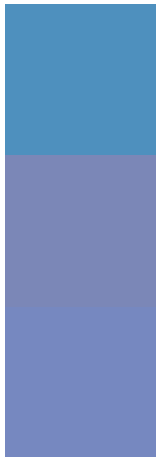


This preview shows how white text looks on a background with the Hex color 4E90BE.

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
4E90BE

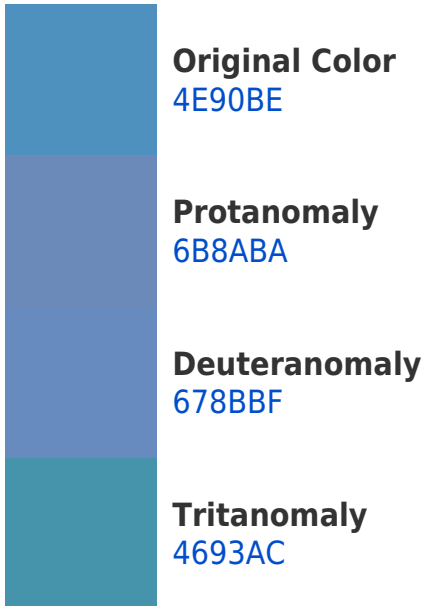
Protanopia
7B87B7

Deuteranopia
7688C0



Tritanopia
4295A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E90BE 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 #4E90BE looks like.

```
.text, #text, p{  
    color:#4E90BE  
}
```

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 #4E90BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E90BE
}
```

Border

The CSS property to change the border of an element to Hex 4E90BE 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
#4E90BE }
```

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

```
.border{ border-color:#4E90BE }
```

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

Here you see how a box with a 4 pixel #4E90BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E90BE; -webkit-box-shadow:4px 4px  
4px 4px #4E90BE; box-shadow:4px 4px 4px  
4px #4E90BE }
```

Background

The CSS property to change the background color of an element to Hex 4E90BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E90BE }
```

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

```
.background{ background-color:#4E90BE }
```

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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