

Converting Colors

Hex(4E91C1)

Have a look what the booklet for
Hex(4E91C1) contains.

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Color

Hex(4E91C1)

Conversions

Conversions Part 1

Format	Color
Hex	4E91C1
RGB	78, 145, 193
RGB Percent	31%, 57%, 76%
CMY	0.6941, 0.4314, 0.2431
CMYK	0.60, 0.25, 0.00, 0.24
HSL	205°, 48%, 53%
HSV	205°, 60%, 76%
XYZ	22.8929, 25.7208, 54.2101
YIQ	130.4390, -55.3400, 0.7240

Conversions

Conversions Part 2

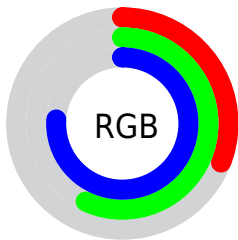
Format	Color
R_{YB}	78, 120, 193
Decimal	5149121
CIE _{Lab}	57.77, -6.89, -31.32
CIE _{LCh}	58, 32.071, 257.603
Yxy	25.7208, 0.2226, 0.2501
Android (android.graphics.Color)	4283339201 (0xFF4E91C1)
YUV	130.4390, 30.8426, -45.9890
Hunter-Lab	50.7156, -8.1779, -27.8743

Details

The Hex color **4E91C1** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C17E4E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **88C7FA**, and **005F8B** is the 20% darker color. If you saturate the color by 10%, you get **3B89C1**, and if you desaturate by 10%, it is **6199C1**.

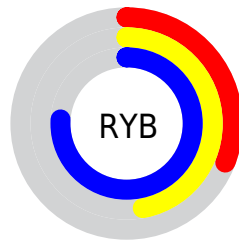
Distribution



Red (31%)

Green (57%)

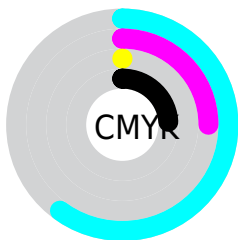
Blue (76%)



Red (31%)

Yellow (47%)

Blue (76%)

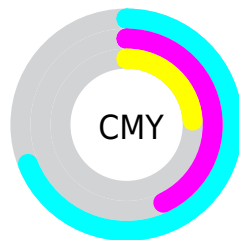


Cyan (60%)

Magenta (25%)

Yellow (0%)

Black (24%)



Cyan (69%)

Magenta (43%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E91C1 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 4E91C1 by changing the saturation by 10% instead.

■ 4E91C1

■ 4E91C1

FFFFFF

■ 2E77A6

■ 88C7FA

■ 005F8B

■ A4E3FF

■ 004772

■ C1FFFF

■ 003159

■ DFFFFF

■ 001D41

■ FDFFFF

■ 00032B

■ 000115

■ 000000

■ 4E91C1

■ 4E91C1

■ 3B89C1

■ 6199C1

■ 2781C1

■ 75A1C1

■ 1479C1

■ 88A9C1

■ 0171C1

■ 9BB1C1

■ 0070C1

■ AFB9C1

■ C2C1C1

■ D5C9C1

■ E8D1C1

■ FCDAC1

Harmonies

Analogous

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



1E97B3



4E91C1



7D88C0

Triad

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



4E91C1



C2767B



6D9564

Complementary

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



4E91C1



C17E4E

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.



8D8E54



4E91C1



BB7C63

Square

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



4E91C1



BA7698



A88554



49997E

Rectangle

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



4E91C1



9781B7



A88554



78935D

Sweetspot

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



4E91C1



CDE7FA



4EC17E



61717D



FCFCFC



7D7D7D

Same Dimension

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



4E91C1



46AFFA



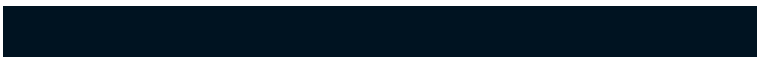
4E58C1



575D61



005EA1



001321

Inverse Universe

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



C14E91



FA46AF



C1B74E



61575D



A1005E



210013

Previews

White Background



This preview shows how the Hex color 4E91C1 looks on a white background.

Color Contrast Check

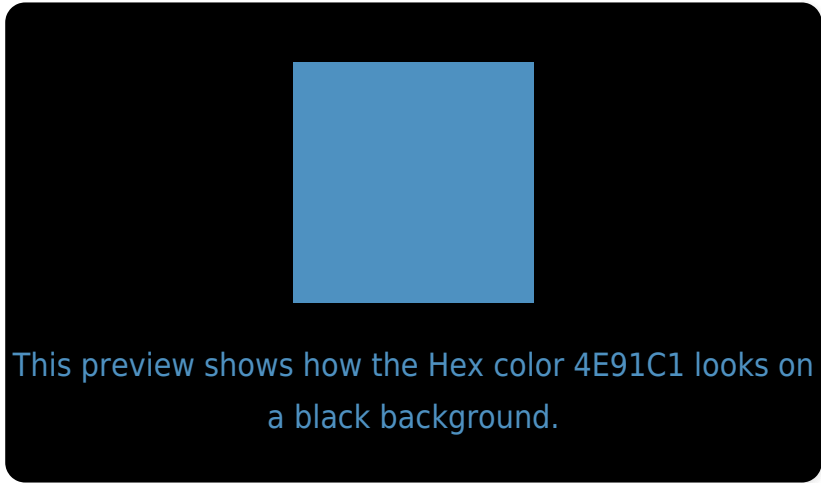
Large Text (above 18pt) WCAG AA ✓ Pass

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

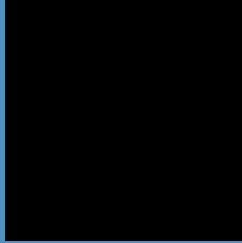
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

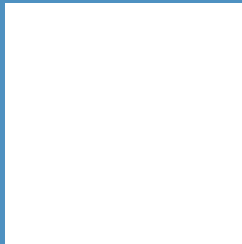
Any Text WCAG AAA × Fail

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

Hex 4E91C1 Background



This preview shows how black text looks on a background with the Hex color 4E91C1.

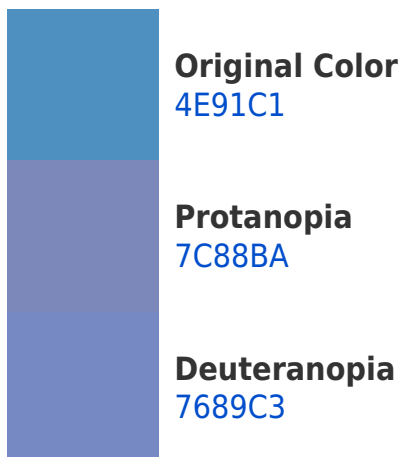


This preview shows how white text looks on a background with the Hex color 4E91C1.

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](#).

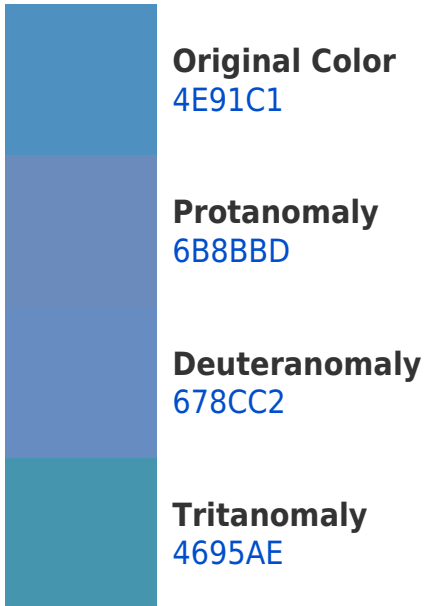
Dichromacy



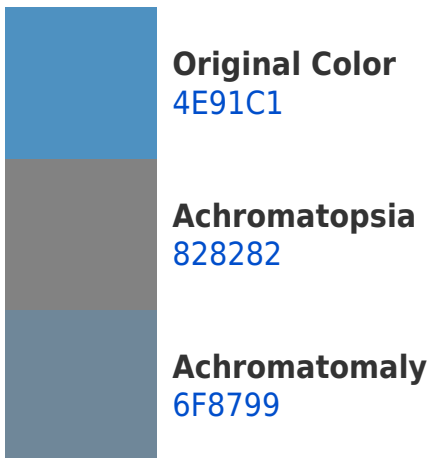


Tritanopia
4197A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E91C1 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 #4E91C1 looks like.

```
.text, #text, p{  
    color:#4E91C1  
}
```

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 #4E91C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E91C1
}
```

Border

The CSS property to change the border of an element to Hex 4E91C1 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
#4E91C1 }
```

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

```
.border{ border-color:#4E91C1 }
```

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

Here you see how a box with a 4 pixel #4E91C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E91C1; -webkit-box-shadow:4px 4px  
4px 4px #4E91C1; box-shadow:4px 4px 4px  
4px #4E91C1 }
```

Background

The CSS property to change the background color of an element to Hex 4E91C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E91C1 }
```

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

```
.background{ background-color:#4E91C1 }
```

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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