

Converting Colors

Hex(4E91CD)

Have a look what the booklet for
Hex(4E91CD) contains.

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Color

Hex(4E91CD)

Conversions

Conversions Part 1

Format	Color
Hex	4E91CD
RGB	78, 145, 205
RGB Percent	31%, 57%, 80%
CMY	0.6941, 0.4314, 0.1961
CMYK	0.62, 0.29, 0.00, 0.20
HSL	208°, 56%, 55%
HSV	208°, 62%, 80%
XYZ	24.2867, 26.2783, 61.5498
YIQ	131.8070, -59.1920, 4.4560

Conversions

Conversions Part 2

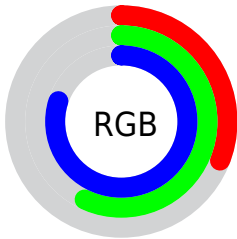
Format	Color
R_{YB}	78, 122, 205
Decimal	5149133
CIE _{Lab}	58.30, -2.98, -37.26
CIE _{LCh}	58, 37.383, 265.433
Yxy	26.2783, 0.2166, 0.2344
Android (android.graphics.Color)	4283339213 (0xFF4E91CD)
YUV	131.8070, 36.0841, -47.1887
Hunter-Lab	51.2623, -5.1406, -35.3048

Details

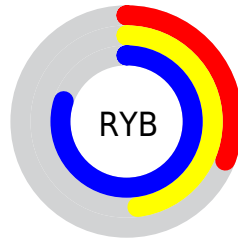
The Hex color **4E91CD** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **CD8A4E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **89C7FF**, and **005F96** is the 20% darker color. If you saturate the color by 10%, you get **3A87CD**, and if you desaturate by 10%, it is **639BCD**.

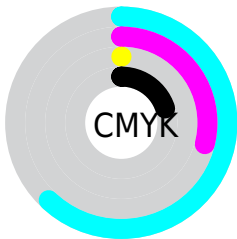
Distribution



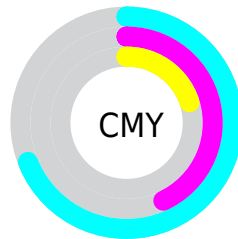
- Red (31%)
- Green (57%)
- Blue (80%)



- Red (31%)
- Yellow (48%)
- Blue (80%)



- Cyan (62%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E91CD 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 4E91CD by changing the saturation by 10% instead.

■ 4E91CD

■ 4E91CD

FFFFFF

■ 2C77B1

■ 89C7FF

■ 005F96

■ A6E3FF

■ 00477C

■ C4FFFF

■ 003163

■ E1FFFF

■ 001D4B

■ 000434

■ 00021E

■ 000000

■ 4E91CD

■ 4E91CD

■ 3A87CD

■ 639BCD

■ 257ECD

■ 77A4CD

■ 1074CD

■ 8BAECD

■ 006CCD

■ A0B8CD

■ B5C1CD

■ C9CBCD

■ DED5CD

■ F2DECD

■ FFE8CD

Harmonies

Analogous

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



0099C1



4E91CD



8886C7

Triad

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



4E91CD



CA7472



5E9A66

Complementary

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



4E91CD



CD8A4E

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.



85934F



4E91CD



BE7D57

Square

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



4E91CD



C77293



A5894A



289D86

Rectangle

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



4E91CD



A57DBA



A5894A



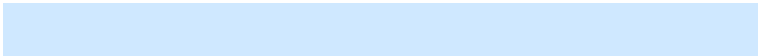
6B985D

Sweetspot

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



4E91CD



CFE8FF



4ECD89



627280



000000



808080

Same Dimension

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



4E91CD



42A6FF



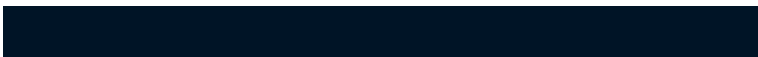
4E52CD



5C6166



0057A6



001426

Inverse Universe

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



CD4E91



FF42A6



CDC94E



665C61



A60057



260014

Previews

White Background



This preview shows how the Hex color 4E91CD looks on a white background.

Color Contrast Check

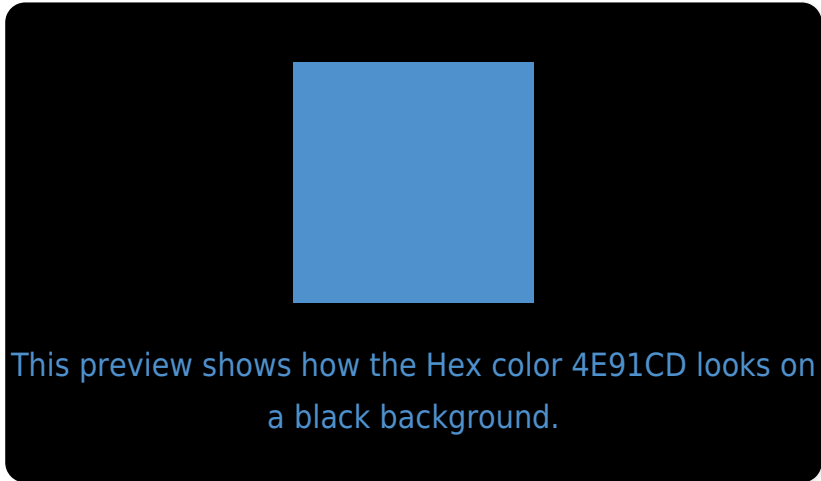
Large Text (above 18pt) WCAG AA ✓ Pass

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

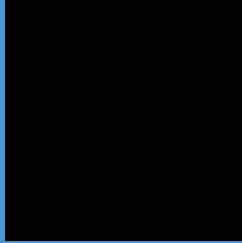
Any Text WCAG AA ✓ Pass

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 4E91CD Background



This preview shows how black text looks on a background with the Hex color 4E91CD.



This preview shows how white text looks on a background with the Hex color 4E91CD.

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](#).

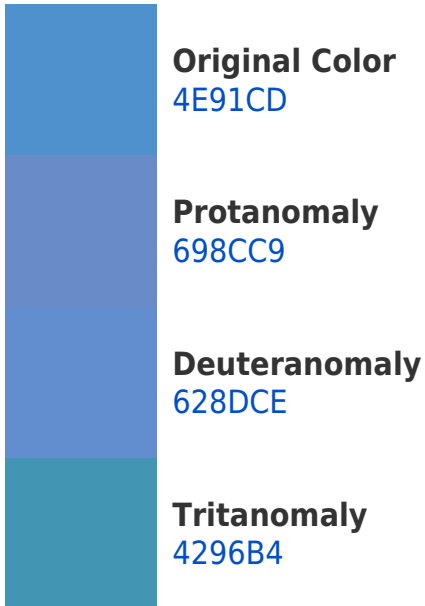
Dichromacy



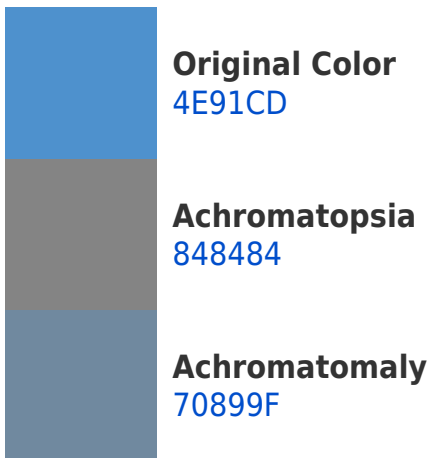


Tritanopia
3B99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E91CD 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 #4E91CD looks like.

```
.text, #text, p{  
    color:#4E91CD  
}
```

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 #4E91CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E91CD
}
```

Border

The CSS property to change the border of an element to Hex 4E91CD 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
#4E91CD }
```

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

```
.border{ border-color:#4E91CD }
```

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

Here you see how a box with a 4 pixel #4E91CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E91CD; -webkit-box-shadow:4px 4px  
4px 4px #4E91CD; box-shadow:4px 4px 4px  
4px #4E91CD }
```

Background

The CSS property to change the background color of an element to Hex 4E91CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E91CD }
```

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

```
.background{ background-color:#4E91CD }
```

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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