

# Converting Colors

Hex(4E99D5)

Have a look what the booklet for  
Hex(4E99D5) contains.

<b>Hex(4E99D5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(4E99D5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E99D5
RGB	78, 153, 213
RGB Percent	31%, 60%, 84%
CMY	0.6941, 0.4000, 0.1647
CMYK	0.63, 0.28, 0.00, 0.16
HSL	207°, 62%, 57%
HSV	207°, 63%, 84%
XYZ	26.5434, 29.2063, 67.1892
YIQ	137.4150, -63.9600, 2.7600

# Conversions

## Conversions Part 2

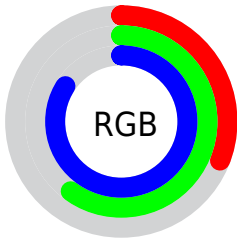
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 126, 213
Decimal	5151189
CIE <sub>Lab</sub>	60.96, -4.92, -37.58
CIE <sub>LCh</sub>	61, 37.897, 262.544
Yxy	29.2063, 0.2159, 0.2376
Android (android.graphics.Color)	4283341269 (0xFF4E99D5)
YUV	137.4150, 37.2634, -52.1070
Hunter-Lab	54.0428, -6.9039, -35.8828

# Details

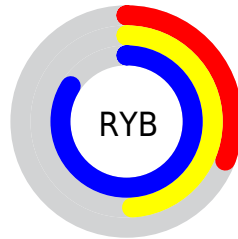
The Hex color **4E99D5** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **D58A4E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8ACFFF**, and **00669E** is the 20% darker color. If you saturate the color by 10%, you get **3990D5**, and if you desaturate by 10%, it is **63A2D5**.

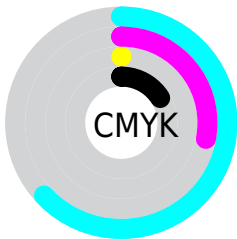
# Distribution



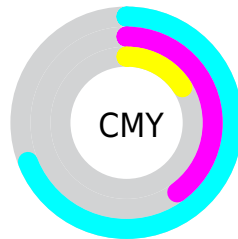
- Red (31%)
- Green (60%)
- Blue (84%)



- Red (31%)
- Yellow (49%)
- Blue (84%)



- Cyan (63%)
- Magenta (28%)
- Yellow (0%)
- Black (16%)



- Cyan (69%)
- Magenta (40%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E99D5 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 4E99D5 by changing the saturation by 10% instead.



■ 4E99D5

■ 4E99D5

FFFFFF

■ 2B7FB9

■ 8ACFFF

■ 00669E

■ A8EBFF

■ 004E84

■ C5FFFF

■ 00386A

■ E3FFFF

■ 002352

■ 000C3A

■ 000224

■ 00000C

■ 000000

■ 4E99D5

■ 4E99D5

■ 3990D5

■ 63A2D5

■ 2386D5

■ 79ACD5

■ 0E7DD5

■ 8EB5D5

■ 0076D5

■ A3BFD5

■ B9C8D5

■ CED2D5

■ E3DBD5

■ F8E5D5

■ FFEED5

# Harmonies

## Analogous

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



00A1C7



4E99D5



8A8ED1

# Triad

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



4E99D5



D37A7B



68A069

# Complementary

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



4E99D5



D58A4E

# 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.



8F9954



4E99D5



C8825F

# Square

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



4E99D5



CE799D



B08E50



36A489

# Rectangle

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



4E99D5



A985C5



B08E50



769E60

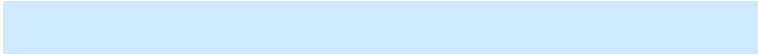


# Sweetspot

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



4E99D5



CFE9FF



4ED589



627280



000000



808080



# Same Dimension

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



4E99D5



3DA9FF



4E57D5



60666B



005FAB



00182B



# Inverse Universe

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



D54E99



FF3DA9



D5CC4E



6B6066



AB005F



2B0018



# Previews

## White Background



This preview shows how the Hex color 4E99D5 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



This preview shows how the Hex color 4E99D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

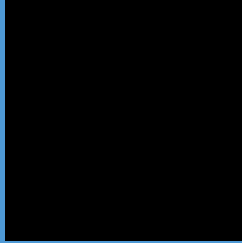
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

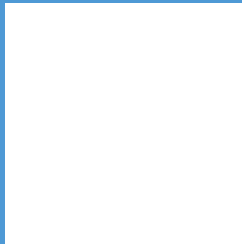
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E99D5 Background



This preview shows how black text looks on a background with the Hex color 4E99D5.

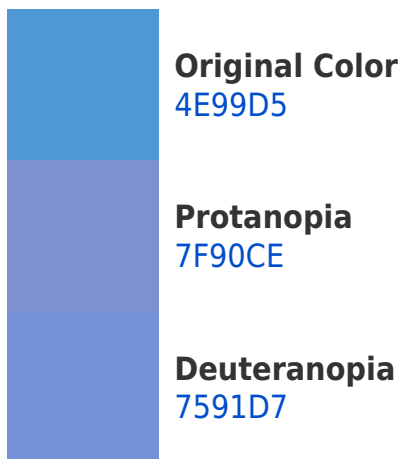


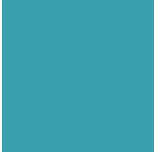
This preview shows how white text looks on a background with the Hex color 4E99D5.

# Color Blindness Simulation

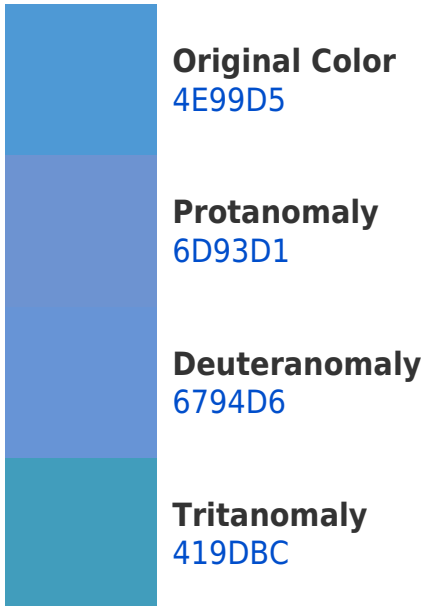
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

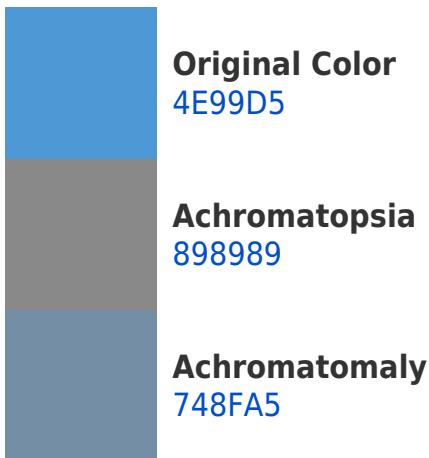




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E99D5 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 #4E99D5 looks like.

```
.text, #text, p{  
    color:#4E99D5  
}
```

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 #4E99D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E99D5  
}
```

## Border

The CSS property to change the border of an element to Hex 4E99D5 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  
#4E99D5 }
```

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

```
.border{ border-color:#4E99D5 }
```

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

Here you see how a box with a 4 pixel #4E99D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E99D5; -webkit-box-shadow:4px 4px  
4px 4px #4E99D5; box-shadow:4px 4px 4px  
4px #4E99D5 }
```

# Background

The CSS property to change the background color of an element to Hex 4E99D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E99D5 }
```

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

```
.background{ background-color:#4E99D5 }
```

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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