

# Converting Colors

Hex(3E99D2)

Have a look what the booklet for  
Hex(3E99D2) contains.

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# Color

Hex(3E99D2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E99D2
RGB	62, 153, 210
RGB Percent	24%, 60%, 82%
CMY	0.7569, 0.4000, 0.1765
CMYK	0.70, 0.27, 0.00, 0.18
HSL	203°, 62%, 53%
HSV	203°, 70%, 82%
XYZ	25.0107, 28.4597, 65.1478
YIQ	132.2890, -72.5330, -1.5650

# Conversions

## Conversions Part 2

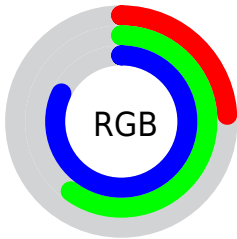
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	62, 118, 210
Decimal	4102610
CIE Lab	60.30, -8.48, -36.97
CIE LCh	60, 37.935, 257.079
Yxy	28.4597, 0.2109, 0.2399
Android (android.graphics.Color)	4282292690 (0xFF3E99D2)
YUV	132.2890, 38.3115, -61.6435
Hunter-Lab	53.3477, -9.6733, -35.0612

# Details

The Hex color **3E99D2** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D2773E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7ECFFF**, and **00669B** is the 20% darker color. If you saturate the color by 10%, you get **2991D2**, and if you desaturate by 10%, it is **53A1D2**.

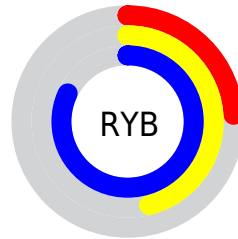
# Distribution



Red (24%)

Green (60%)

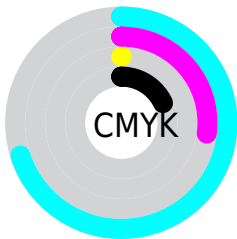
Blue (82%)



Red (24%)

Yellow (46%)

Blue (82%)

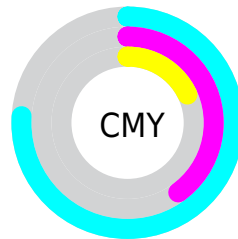


Cyan (70%)

Magenta (27%)

Yellow (0%)

Black (18%)



Cyan (76%)

Magenta (40%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E99D2 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 3E99D2 by changing the saturation by 10% instead.



■ 3E99D2

■ 3E99D2

FFFFFF

■ 0B7FB6

■ 7ECFFF

■ 00669B

■ 9CEBFF

■ 004E81

■ BAFFFF

■ 003868

■ D8FFFF

■ 00234F

■ F6FFFF

■ 000738

■ 000222

■ 000007

■ 000000

■ 3E99D2

■ 3E99D2

■ 2991D2

■ 53A1D2

■ 1489D2

■ 68A9D2

■ 0081D2

■ 7DB1D2

■ 92B9D2

■ A7C1D2

■ BCCAD2

■ D1D2D2

■ E6DAD2

■ FBE2D2

# Harmonies

## Analogous

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



00A0C1



3E99D2



7F8ED1

# Triad

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



3E99D2



D2777F



6E9D63

# Complementary

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



3E99D2



D2773E

# 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.



949550



3E99D2



C97F62

# Square

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



3E99D2



C978A1



B38A50



3FA281

# Rectangle

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



3E99D2



9F86C7



B38A50



7B9B5B

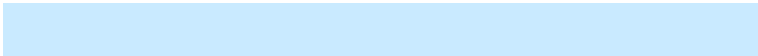


# Sweetspot

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



3E99D2



C9EAFF



3ED277



607380



000000



808080



# Same Dimension

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



3E99D2



26ACFF



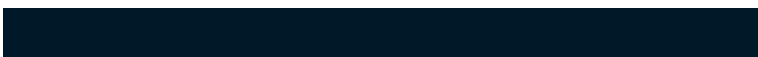
3E4FD2



5E6569



0067A8



001929



# Inverse Universe

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



D23E99



FF26AC



D2C13E



695E65



A80067



290019



# Previews

## White Background



This preview shows how the Hex color 3E99D2 looks on a white background.

## Color Contrast Check

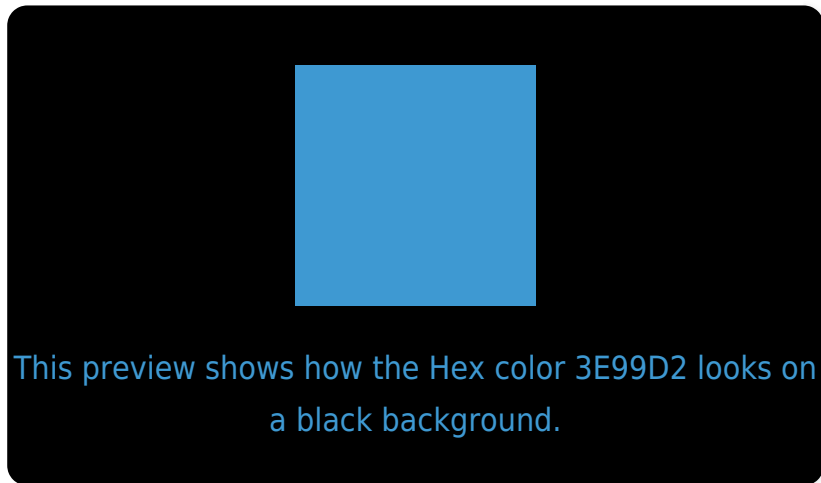
Large Text (above 18pt) WCAG AA ✓ Pass

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

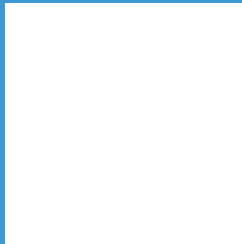
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E99D2 Background



This preview shows how black text looks on a background with the Hex color 3E99D2.

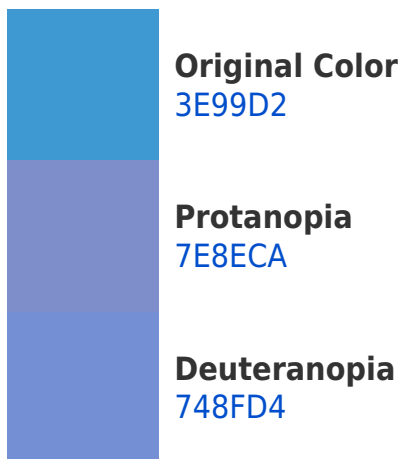


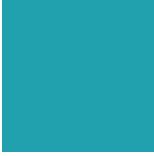
This preview shows how white text looks on a background with the Hex color 3E99D2.

# Color Blindness Simulation

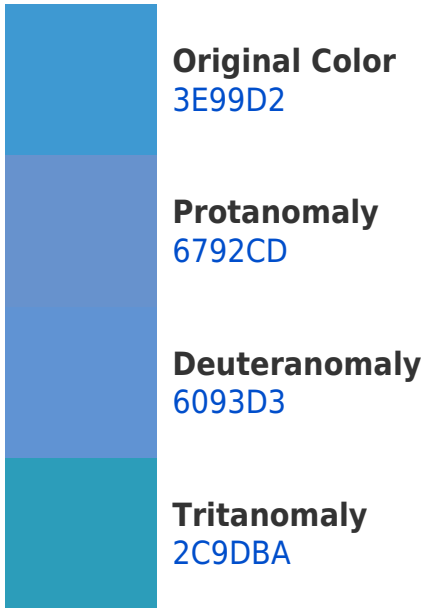
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E99D2 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 #3E99D2 looks like.

```
.text, #text, p{  
    color:#3E99D2  
}
```

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 #3E99D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E99D2
}
```

## Border

The CSS property to change the border of an element to Hex 3E99D2 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
#3E99D2 }
```

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

```
.border{ border-color:#3E99D2 }
```

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

Here you see how a box with a 4 pixel #3E99D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E99D2; -webkit-box-shadow:4px 4px  
4px 4px #3E99D2; box-shadow:4px 4px 4px  
4px #3E99D2 }
```

# Background

The CSS property to change the background color of an element to Hex 3E99D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E99D2 }
```

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

```
.background{ background-color:#3E99D2 }
```

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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