

# Converting Colors

Hex(3E96DA)

Have a look what the booklet for  
Hex(3E96DA) contains.

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# Color

**Hex(3E96DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E96DA
RGB	62, 150, 218
RGB Percent	24%, 59%, 85%
CMY	0.7569, 0.4118, 0.1451
CMYK	0.72, 0.31, 0.00, 0.15
HSL	206°, 68%, 55%
HSV	206°, 72%, 85%
XYZ	25.5478, 27.8988, 70.3682
YIQ	131.4400, -74.2760, 2.4920

# Conversions

## Conversions Part 2

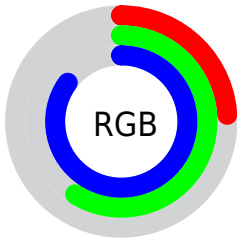
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	62, 118, 218
Decimal	4101850
CIE Lab	59.80, -4.03, -42.23
CIE LCh	60, 42.423, 264.549
Yxy	27.8988, 0.2063, 0.2253
Android (android.graphics.Color)	4282291930 (0xFF3E96DA)
YUV	131.4400, 42.6741, -60.8989
Hunter-Lab	52.8193, -6.0962, -42.0152

# Details

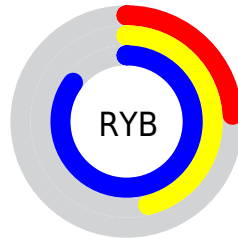
The Hex color **3E96DA** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **DA823E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7FCCFF**, and **0064A3** is the 20% darker color. If you saturate the color by 10%, you get **288CDA**, and if you desaturate by 10%, it is **54A0DA**.

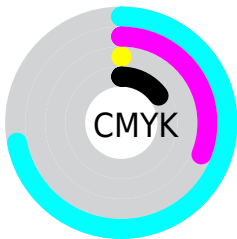
# Distribution



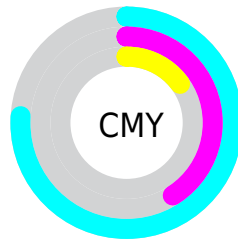
- Red (24%)
- Green (59%)
- Blue (85%)



- Red (24%)
- Yellow (46%)
- Blue (85%)



- Cyan (72%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



- Cyan (76%)
- Magenta (41%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E96DA 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 3E96DA by changing the saturation by 10% instead.



■ 3E96DA

■ 3E96DA

FFFFFF

■ 067CBE

■ 7FCCFF

■ 0064A3

■ 9EE8FF

■ 004C88

■ BCFFFF

■ 00366E

■ DAFFFF

■ 002156

■ F8FFFF

■ 00063E

■ 000327

■ 000111

■ 000000

■ 3E96DA

■ 3E96DA

■ 288CDA

■ 54A0DA

■ 1283DA

■ 6AA9DA

■ 007BDA

■ 7FB3DA

■ 95BCDA

■ ABC6DA

■ C1CFDA

■ D7D9DA

■ ECE2DA

■ FFECDA

# Harmonies

## Analogous

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



009FCC



3E96DA



8889D4

# Triad

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



3E96DA



D67373



5B9F63

# Complementary

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



3E96DA



DA823E

# 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.



88974A



3E96DA



C87E54

# Square

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



3E96DA



D27298



AD8C44



02A388

# Rectangle

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



3E96DA



AA7FC6



AD8C44



6B9D59

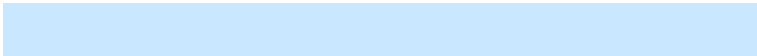


# Sweetspot

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



3E96DA



C9E8FF



3EDA82



607280



000000



808080



# Same Dimension

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



3E96DA



249FFF



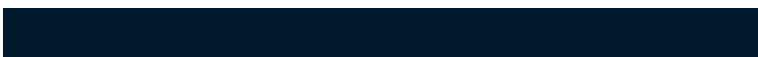
3E48DA



63696E



0062AD



001A2E



# Inverse Universe

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



DA3E96



FF249F



DAD03E



6E6369



AD0062



2E001A



# Previews

## White Background



This preview shows how the Hex color 3E96DA looks on a white background.

## Color Contrast Check

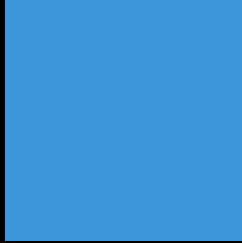
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E96DA 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

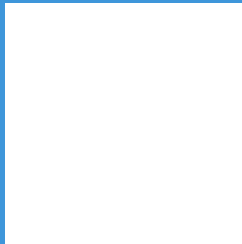
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E96DA Background



This preview shows how black text looks on a background with the Hex color 3E96DA.

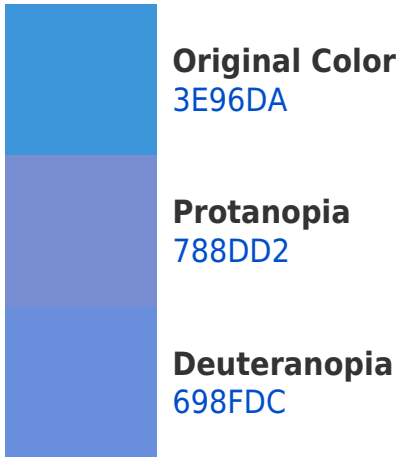


This preview shows how white text looks on a background with the Hex color 3E96DA.

# Color Blindness Simulation

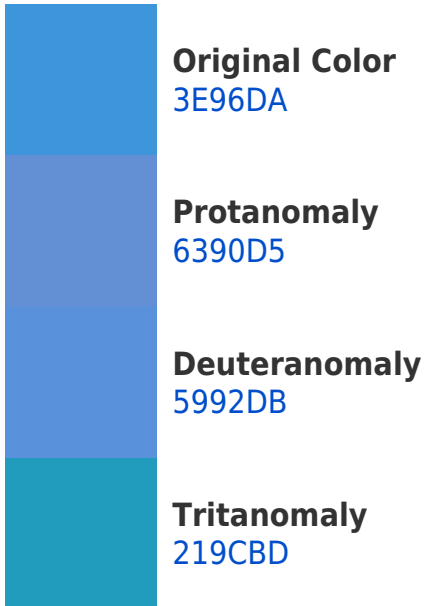
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

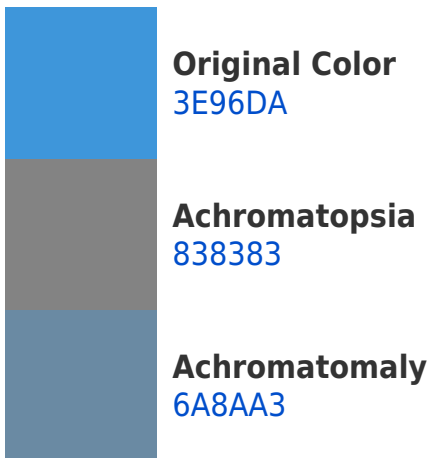




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E96DA 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 #3E96DA looks like.

```
.text, #text, p{  
    color:#3E96DA  
}
```

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 #3E96DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E96DA
}
```

## Border

The CSS property to change the border of an element to Hex 3E96DA 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
#3E96DA }
```

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

```
.border{ border-color:#3E96DA }
```

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

Here you see how a box with a 4 pixel #3E96DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E96DA; -webkit-box-shadow:4px 4px  
4px 4px #3E96DA; box-shadow:4px 4px 4px  
4px #3E96DA }
```

# Background

The CSS property to change the background color of an element to Hex 3E96DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E96DA }
```

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

```
.background{ background-color:#3E96DA }
```

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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