

# Converting Colors

Hex(3E8AD6)

Have a look what the booklet for  
Hex(3E8AD6) contains.

<b>Hex(3E8AD6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3E8AD6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E8AD6
RGB	62, 138, 214
RGB Percent	24%, 54%, 84%
CMY	0.7569, 0.4588, 0.1608
CMYK	0.71, 0.36, 0.00, 0.16
HSL	210°, 65%, 54%
HSV	210°, 71%, 84%
XYZ	23.2127, 24.0561, 67.0382
YIQ	123.9400, -69.6920, 7.5240

# Conversions

## Conversions Part 2

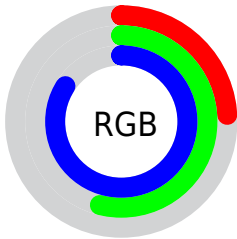
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	62, 113, 214
Decimal	4098774
CIE Lab	56.14, 1.57, -45.76
CIE LCh	56, 45.785, 271.965
Yxy	24.0561, 0.2031, 0.2105
Android (android.graphics.Color)	4282288854 (0xFF3E8AD6)
YUV	123.9400, 44.3996, -54.3214
Hunter-Lab	49.0470, -1.3530, -46.7055

# Details

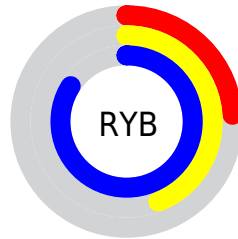
The Hex color **3E8AD6** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **D68A3E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7EBFFF**, and **00599F** is the 20% darker color. If you saturate the color by 10%, you get **297FD6**, and if you desaturate by 10%, it is **5395D6**.

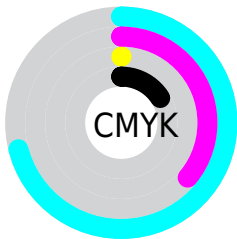
# Distribution



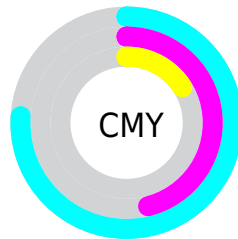
- Red (24%)
- Green (54%)
- Blue (84%)



- Red (24%)
- Yellow (44%)
- Blue (84%)



- Cyan (71%)
- Magenta (36%)
- Yellow (0%)
- Black (16%)



- Cyan (76%)
- Magenta (46%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E8AD6 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 3E8AD6 by changing the saturation by 10% instead.



■ 3E8AD6

■ 3E8AD6

FFFFFF

■ 0A71BA

■ 7EBFFF

■ 00599F

■ 9DDBFF

■ 004284

■ BAF7FF

■ 002C6B

■ D9FFFF

■ 001952

■ F7FFFF

■ 00063A

■ 000224

■ 00000B

■ 000000

■ 3E8AD6

■ 3E8AD6

■ 297FD6

■ 5395D6

■ 1375D6

■ 699FD6

■ 006BD6

■ 7EAAD6

■ 94B5D6

■ A9C0D6

■ BECAD6

■ D4D5D6

■ E9E0D6

■ FFEAD6

# Harmonies

## Analogous

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



0094CC



3E8AD6



8C7BCA

# Triad

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



3E8AD6



CE695F



3B9760

# Complementary

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



3E8AD6



D68A3E

# 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.



729140



3E8AD6



BB7740

# Square

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



3E8AD6



CF6486



9B8533



009A88

# Rectangle

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



3E8AD6



AD70B8



9B8533



519654

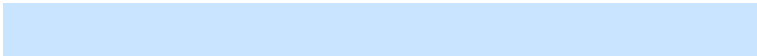


# Sweetspot

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



3E8AD6



C9E4FF



3ED68A



607080



000000



808080



# Same Dimension

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



3E8AD6



2693FF



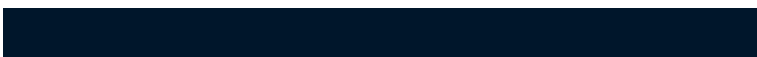
3E3ED6



60666B



0055AB



00162B



# Inverse Universe

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



D63E8A



FF2693



D6D63E



6B6066



AB0055

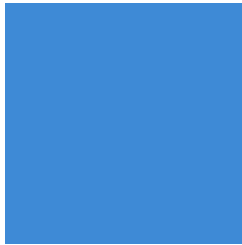


2B0016



# Previews

## White Background



This preview shows how the Hex color 3E8AD6 looks on a white background.

## Color Contrast Check

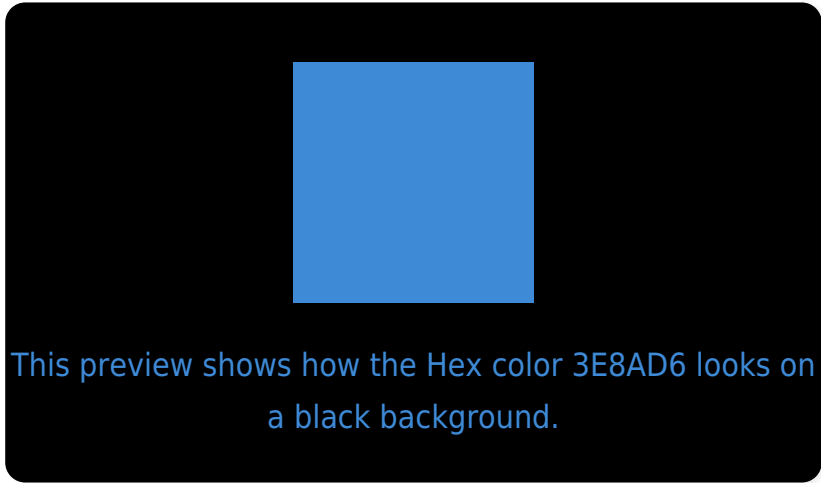
Large Text (above 18pt) WCAG AA ✓ Pass

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

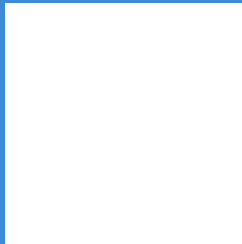
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E8AD6 Background



This preview shows how black text looks on a background with the Hex color 3E8AD6.

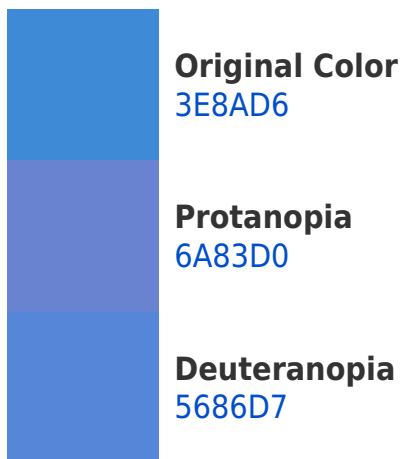


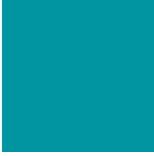
This preview shows how white text looks on a background with the Hex color 3E8AD6.

# 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](#).

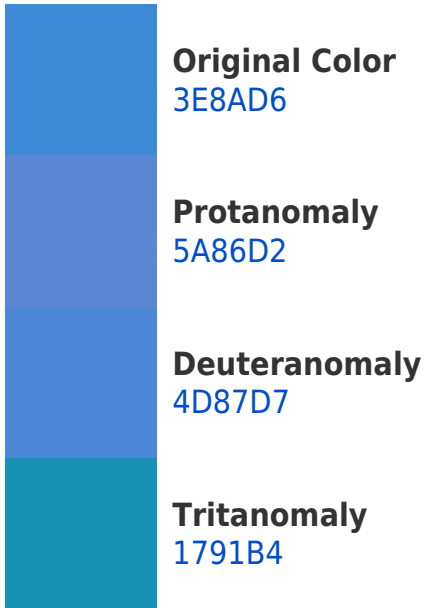
## Dichromacy



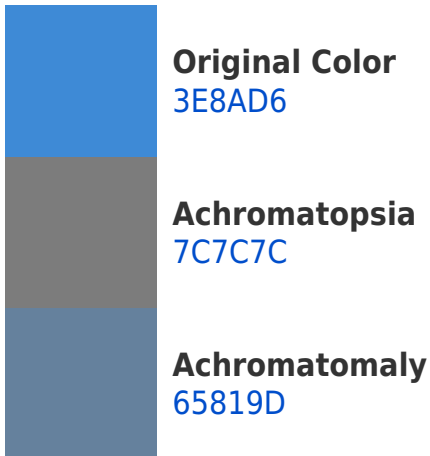


**Tritanopia**  
0095A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E8AD6 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 #3E8AD6 looks like.

```
.text, #text, p{  
    color:#3E8AD6  
}
```

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 #3E8AD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8AD6
}
```

## Border

The CSS property to change the border of an element to Hex 3E8AD6 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
#3E8AD6 }
```

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

```
.border{ border-color:#3E8AD6 }
```

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

Here you see how a box with a 4 pixel #3E8AD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8AD6; -webkit-box-shadow:4px 4px  
4px 4px #3E8AD6; box-shadow:4px 4px 4px  
4px #3E8AD6 }
```

# Background

The CSS property to change the background color of an element to Hex 3E8AD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8AD6 }
```

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

```
.background{ background-color:#3E8AD6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor