

Converting Colors

Hex(3E8DD8)

Have a look what the booklet for
Hex(3E8DD8) contains.

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Color

Hex(3E8DD8)

Conversions

Conversions Part 1

Format	Color
Hex	3E8DD8
RGB	62, 141, 216
RGB Percent	24%, 55%, 85%
CMY	0.7569, 0.4471, 0.1529
CMYK	0.71, 0.35, 0.00, 0.15
HSL	209°, 66%, 55%
HSV	209°, 71%, 85%
XYZ	23.9062, 25.0318, 68.5374
YIQ	125.9290, -71.1590, 6.5770

Conversions

Conversions Part 2

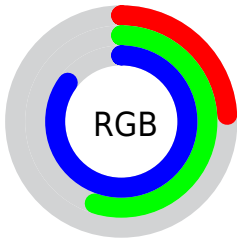
Format	Color
R _Y B	62, 114, 216
Decimal	4099544
CIE Lab	57.11, 0.50, -45.36
CIE LCh	57, 45.361, 270.636
Yxy	25.0318, 0.2035, 0.2131
Android (android.graphics.Color)	4282289624 (0xFF3E8DD8)
YUV	125.9290, 44.4050, -56.0657
Hunter-Lab	50.0317, -2.2647, -46.1978

Details

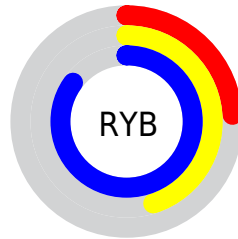
The Hex color **3E8DD8** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **D8893E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7FC2FF**, and **005BA1** is the 20% darker color. If you saturate the color by 10%, you get **2882D8**, and if you desaturate by 10%, it is **5498D8**.

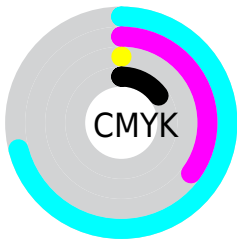
Distribution



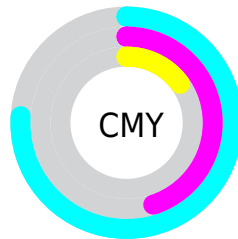
- Red (24%)
- Green (55%)
- Blue (85%)



- Red (24%)
- Yellow (45%)
- Blue (85%)



- Cyan (71%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (76%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E8DD8 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 3E8DD8 by changing the saturation by 10% instead.

■ 3E8DD8

■ 3E8DD8

FFFFFF

■ 0874BC

■ 7FC2FF

■ 005BA1

■ 9DDEFF

■ 004486

■ BBFBFF

■ 002F6C

■ D9FFFF

■ 001B54

■ F7FFFF

■ 00063C

■ 000225

■ 00010E

■ 000000

■ 3E8DD8

■ 3E8DD8

■ 2882D8

■ 5498D8

■ 1378D8

■ 69A2D8

■ 006FD8

■ 7FADD8

■ 94B7D8

■ AAC2D8

■ C0CCD8

■ D5D7D8

■ EBE1D8

■ FFECD8

Harmonies

Analogous

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



0097CD



3E8DD8



8C7ECD

Triad

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



3E8DD8



D16B63



429A61

Complementary

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



3E8DD8



D8893E

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.



779342



3E8DD8



BE7944

Square

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



3E8DD8



D1678A



9F8737



009D89

Rectangle

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



3E8DD8



AE74BC



9F8737



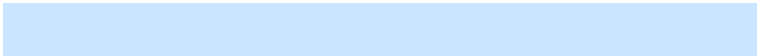
569855

Sweetspot

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



3E8DD8



C9E5FF



3ED888



607080



000000



808080

Same Dimension

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



3E8DD8



2494FF



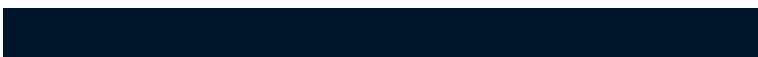
3E41D8



60666B



0058AB



00162B

Inverse Universe

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



D83E8D



FF2494



D8D53E



6B6066



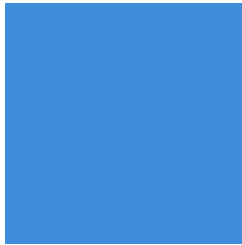
AB0058



2B0016

Previews

White Background



This preview shows how the Hex color 3E8DD8 looks on a white background.

Color Contrast Check

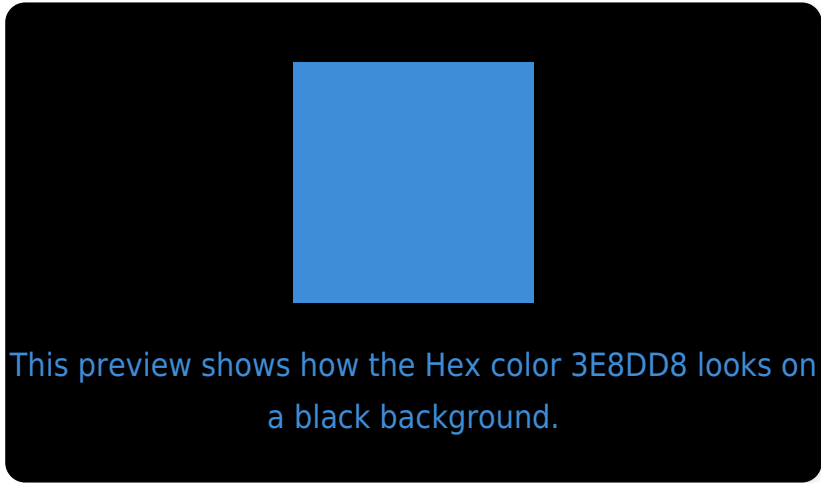
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E8DD8 Background



This preview shows how black text looks on a background with the Hex color 3E8DD8.

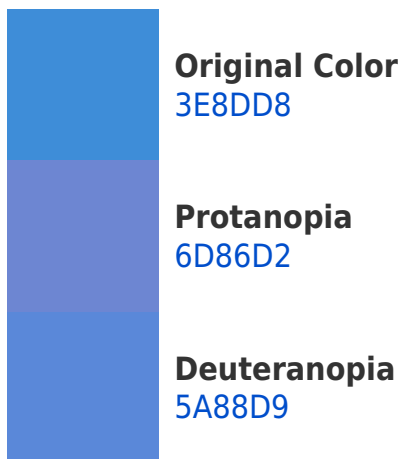


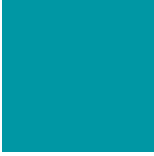
This preview shows how white text looks on a background with the Hex color 3E8DD8.

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](#).

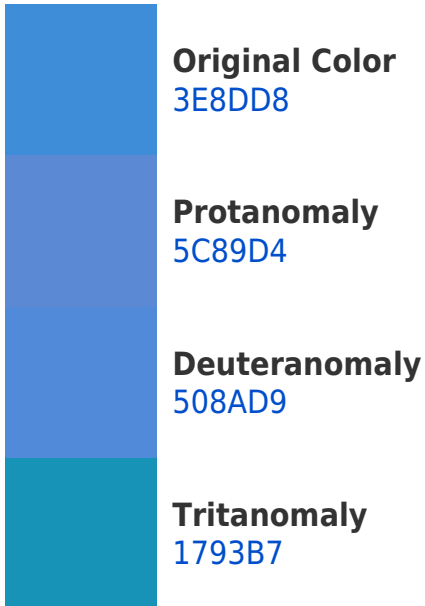
Dichromacy





Tritanopia
0097A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E8DD8 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 #3E8DD8 looks like.

```
.text, #text, p{  
    color:#3E8DD8  
}
```

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 #3E8DD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8DD8  
}
```

Border

The CSS property to change the border of an element to Hex 3E8DD8 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  
#3E8DD8 }
```

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

```
.border{ border-color:#3E8DD8 }
```

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

Here you see how a box with a 4 pixel #3E8DD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8DD8; -webkit-box-shadow:4px 4px  
4px 4px #3E8DD8; box-shadow:4px 4px 4px  
4px #3E8DD8 }
```

Background

The CSS property to change the background color of an element to Hex 3E8DD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8DD8 }
```

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

```
.background{ background-color:#3E8DD8 }
```

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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