

Converting Colors

Hex(3E8CBB)

Have a look what the booklet for
Hex(3E8CBB) contains.

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Color

Hex(3E8CBB)

Conversions

Conversions Part 1

Format	Color
Hex	3E8CBB
RGB	62, 140, 187
RGB Percent	24%, 55%, 73%
CMY	0.7569, 0.4510, 0.2667
CMYK	0.67, 0.25, 0.00, 0.27
HSL	203°, 50%, 49%
HSV	203°, 67%, 73%
XYZ	20.3343, 23.3682, 50.4525
YIQ	122.0360, -61.5750, -1.9190

Conversions

Conversions Part 2

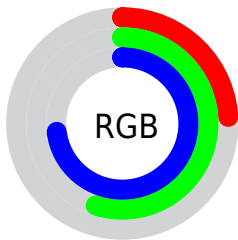
Format	Color
R_{YB}	62, 110, 187
Decimal	4099259
CIE _{Lab}	55.45, -8.93, -31.58
CIE _{LCh}	55, 32.814, 254.210
Yxy	23.3682, 0.2160, 0.2482
Android (android.graphics.Color)	4282289339 (0xFF3E8CBB)
YUV	122.0360, 32.0273, -52.6516
Hunter-Lab	48.3406, -9.5106, -28.0418

Details

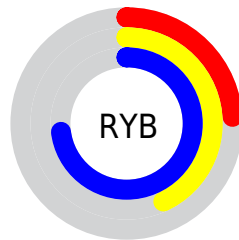
The Hex color **3E8CBB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BB6D3E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7AC1F3**, and **005A86** is the 20% darker color. If you saturate the color by 10%, you get **2B85BB**, and if you desaturate by 10%, it is **5193BB**.

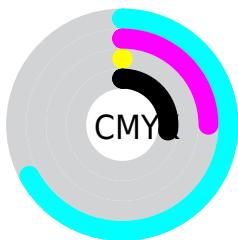
Distribution



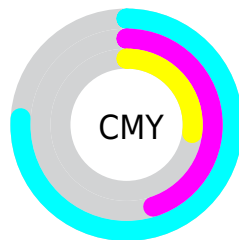
- Red (24%)
- Green (55%)
- Blue (73%)



- Red (24%)
- Yellow (43%)
- Blue (73%)



- Cyan (67%)
- Magenta (25%)
- Yellow (0%)
- Black (27%)



- Cyan (76%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E8CBB 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 3E8CBB by changing the saturation by 10% instead.

■ 3E8CBB

■ 3E8CBB

FFFFFF

■ 1673A0

■ 7AC1F3

■ 005A86

■ 97DDFF

■ 00436C

■ B4FAFF

■ 002D54

■ D2FFFF

■ 00193C

■ F0FFFF

■ 000326

■ 00010F

■ 000000

■ 3E8CBB

■ 3E8CBB

■ 2B85BB

■ 5193BB

■ 197EBB

■ 639ABB

■ 0677BB

■ 76A1BB

■ 0075BB

■ 89A8BB

■ 9CAFBB

■ AEB6BB

■ C1BDBB

■ D4C4BB

■ E6CBBB

Harmonies

Analogous

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



0092AC



3E8CBB



7183BC

Triad

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



3E8CBB



BC6F78



6A8F5B

Complementary

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



3E8CBB



BB6D3E

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.



8A874D



3E8CBB



B6745E

Square

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



3E8CBB



B37095



A47E4E



459374

Rectangle

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



3E8CBB



8D7CB4



A47E4E



758D55

Sweetspot

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



3E8CBB



C2E0F2



3EBB6C



5D6F7A



FAFAFA



7A7A7A

Same Dimension

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



3E8CBB



30A9F2



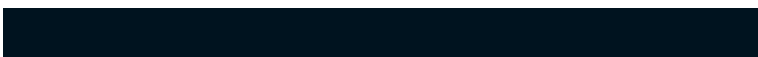
3E4FBB



555B5E



00639E



00131F

Inverse Universe

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



BB3E8C



F230A9



BBA3E



5E555B



9E0063



1F0013

Previews

White Background



This preview shows how the Hex color 3E8CBB looks on a white background.

Color Contrast Check

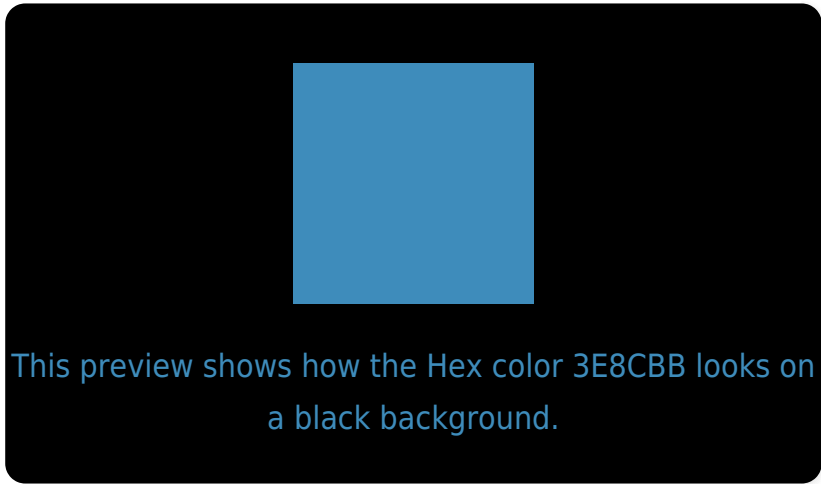
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E8CBB Background



This preview shows how black text looks on a background with the Hex color 3E8CBB.

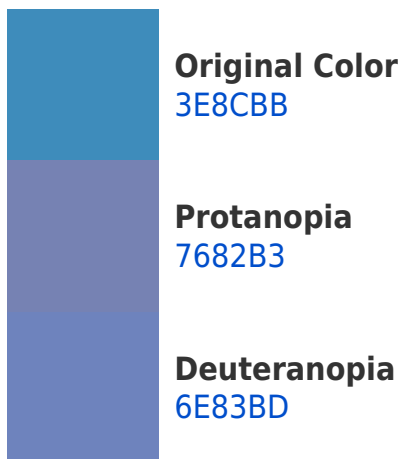


This preview shows how white text looks on a background with the Hex color 3E8CBB.

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](#).

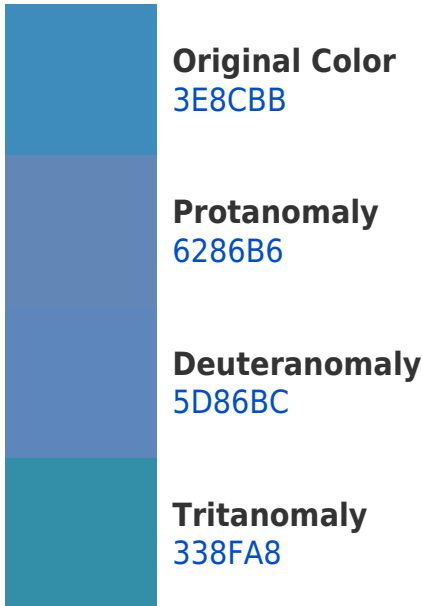
Dichromacy



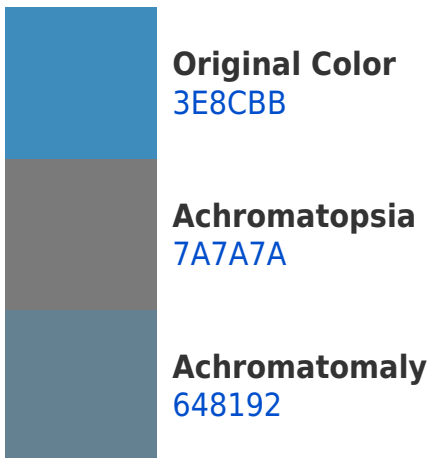


Tritanopia
2C919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E8CBB 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 #3E8CBB looks like.

```
.text, #text, p{  
    color:#3E8CBB  
}
```

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 #3E8CBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8CBB
}
```

Border

The CSS property to change the border of an element to Hex 3E8CBB 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
#3E8CBB }
```

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

```
.border{ border-color:#3E8CBB }
```

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

Here you see how a box with a 4 pixel #3E8CBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8CBB; -webkit-box-shadow:4px 4px  
4px 4px #3E8CBB; box-shadow:4px 4px 4px  
4px #3E8CBB }
```

Background

The CSS property to change the background color of an element to Hex 3E8CBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8CBB }
```

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

```
.background{ background-color:#3E8CBB }
```

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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