

Converting Colors

Hex(3E8585)

Have a look what the booklet for
Hex(3E8585) contains.

Hex(3E8585)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E8585)

Conversions

Conversions Part 1

Format	Color
Hex	3E8585
RGB	62, 133, 133
RGB Percent	24%, 52%, 52%
CMY	0.7569, 0.4784, 0.4784
CMYK	0.53, 0.00, 0.00, 0.48
HSL	180°, 36%, 38%
HSV	180°, 53%, 52%
XYZ	14.6078, 19.4926, 25.1828
YIQ	111.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

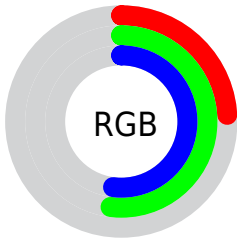
Format	Color
RYB	62, 98, 133
Decimal	4097413
CIELab	51.26, -22.08, -6.80
CIELCh	51, 23.107, 197.122
Yxy	19.4926, 0.2464, 0.3288
Android (android.graphics.Color)	4282287493 (0xFF3E8585)
YUV	111.7710, 10.4659, -43.6492
Hunter-Lab	44.1505, -18.2042, -2.9129

Details

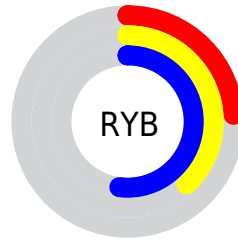
The Hex color **3E8585** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **853E3E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **74BABA**, and **005354** is the 20% darker color. If you saturate the color by 10%, you get **318585**, and if you desaturate by 10%, it is **4B8585**.

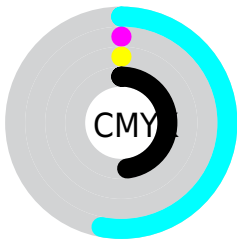
Distribution



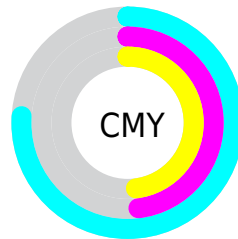
- Red (24%)
- Green (52%)
- Blue (52%)



- Red (24%)
- Yellow (38%)
- Blue (52%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)



- Cyan (76%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E8585 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 3E8585 by changing the saturation by 10% instead.



3E8585



3E8585

FFFFFF



216C6C



74BABA



005354



90D6D6



003C3D



ABF3F2



002627



C8FFFF



000913



E5FFFF



000000



3E8585



3E8585



318585



4B8585



238585



598585

■ 168585

■ 668585

■ 098585

■ 738585

■ 008585

■ 818585

■ 8E8585

■ 9B8585

■ A88585

■ B68585

Harmonies

Analogous

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



4F8471



3E8585



3F8396

Triad

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



3E8585



8B7195



907654

Complementary

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



3E8585



853E3E

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.



9D705E



3E8585



9C6C83

Square

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



3E8585



7178A0



A26C6F



7D7C54

Rectangle

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



3E8585



4B809E



A26C6F



957456

Sweetspot

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



3E8585



92ADAD



3E853E



465757



D6D6D6



575757

Same Dimension

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



3E8585



3EADAD



3E6285



3C4242



008282



000303

Inverse Universe

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



853E85



AD3EAD



85623E



423C42



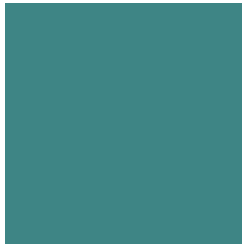
820082



030003

Previews

White Background



This preview shows how the Hex color 3E8585 looks on a white background.

Color Contrast Check

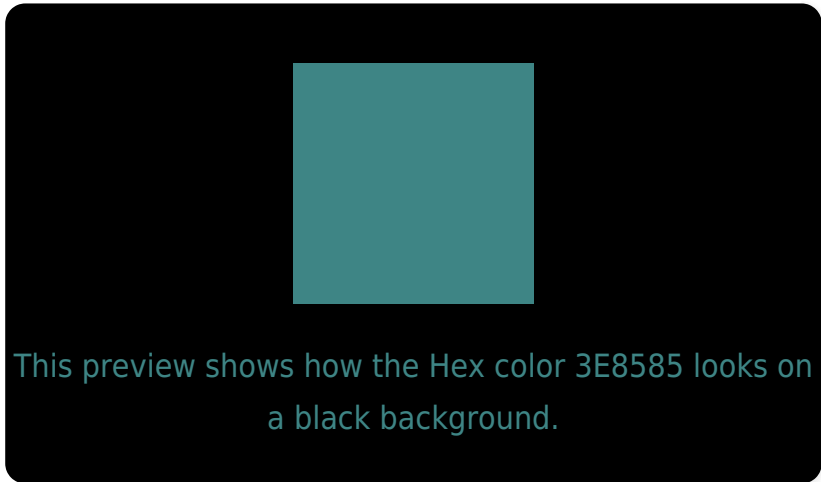
Large Text (above 18pt) WCAG AA ✓ Pass

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

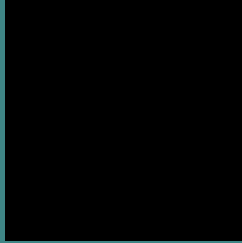
Any Text WCAG AA ✓ Pass

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 3E8585 Background



This preview shows how black text looks on a background with the Hex color 3E8585.

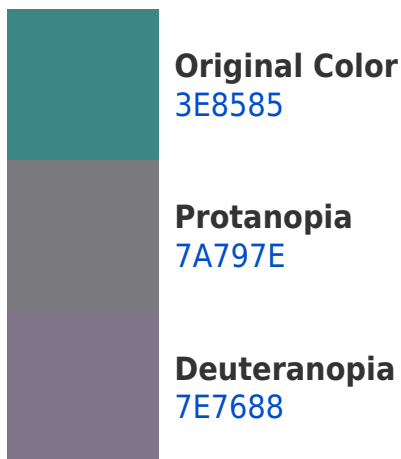


This preview shows how white text looks on a background with the Hex color 3E8585.

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
41848E

Trichromacy



Original Color
3E8585

Protanomaly
647D81

Deuteranomaly
677B87

Tritanomaly
40848B

Monochromacy



Original Color
3E8585

Achromatopsia
707070

Achromatomaly
5E7878

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E8585 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 #3E8585 looks like.

```
.text, #text, p{  
    color:#3E8585  
}
```

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 #3E8585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8585
}
```

Border

The CSS property to change the border of an element to Hex 3E8585 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
#3E8585 }
```

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

```
.border{ border-color:#3E8585 }
```

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

Here you see how a box with a 4 pixel #3E8585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8585; -webkit-box-shadow:4px 4px  
4px 4px #3E8585; box-shadow:4px 4px 4px  
4px #3E8585 }
```

Background

The CSS property to change the background color of an element to Hex 3E8585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8585 }
```

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

```
.background{ background-color:#3E8585 }
```

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