

Converting Colors

Hex(3E828E)

Have a look what the booklet for
Hex(3E828E) contains.

Hex(3E828E)	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(3E828E)

Conversions

Conversions Part 1

Format	Color
Hex	3E828E
RGB	62, 130, 142
RGB Percent	24%, 51%, 56%
CMY	0.7569, 0.4902, 0.4431
CMYK	0.56, 0.08, 0.00, 0.44
HSL	189°, 39%, 40%
HSV	189°, 56%, 56%
XYZ	14.8517, 18.9424, 28.4647
YIQ	111.0360, -44.3800, -10.6840

Conversions

Conversions Part 2

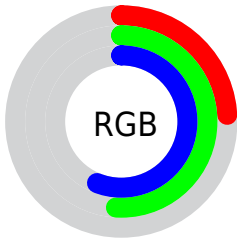
Format	Color
R _{YB}	62, 99, 142
Decimal	4096654
CIE Lab	50.62, -17.85, -13.02
CIE LCh	51, 22.091, 216.116
Yxy	18.9424, 0.2385, 0.3043
Android (android.graphics.Color)	4282286734 (0xFF3E828E)
YUV	111.0360, 15.2653, -43.0046
Hunter-Lab	43.5229, -15.2537, -8.3106

Details

The Hex color **3E828E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E4A3E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **75B7C4**, and **00505C** is the 20% darker color. If you saturate the color by 10%, you get **30808E**, and if you desaturate by 10%, it is **4C848E**.

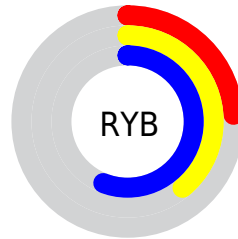
Distribution



Red (24%)

Green (51%)

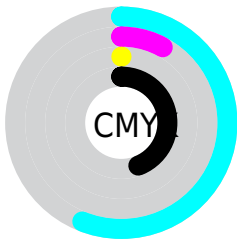
Blue (56%)



Red (24%)

Yellow (39%)

Blue (56%)

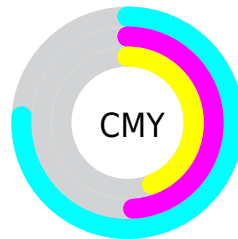


Cyan (56%)

Magenta (8%)

Yellow (0%)

Black (44%)



Cyan (76%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E828E 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 3E828E by changing the saturation by 10% instead.



3E828E



3E828E

FFFFFF



206974



75B7C4



00505C



90D3E0



003944



ACEFFC



00232E



C8FFFF



00061A



E5FFFF



000000



3E828E



3E828E



30808E



4C848E



227E8E



5A868E

■ 137C8E

■ 69888E

■ 05798E

■ 778B8E

■ 00798E

■ 858D8E

■ 938F8E

■ A1918E

■ B0938E

■ BE958E

Harmonies

Analogous

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



45837C



3E828E



4C7F9A

Triad

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



3E828E



946D88



827953

Complementary

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



3E828E



8E4A3E

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.



937257



3E828E



9E6B75

Square

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



3E828E



807297



9D6D63



6E7E5A

Rectangle

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



3E828E



5D7B9E



9D6D63



887653

Sweetspot

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



3E828E



98B3B8



3E8E4A



49595C



DBDBDB



5C5C5C

Same Dimension

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



3E828E



3BA5B8



3E5A8E



404647



007387



000708

Inverse Universe

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



8E3E82



B83BA5



8E723E



474046



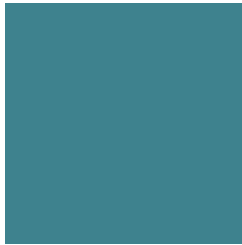
870073



080007

Previews

White Background



This preview shows how the Hex color 3E828E 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

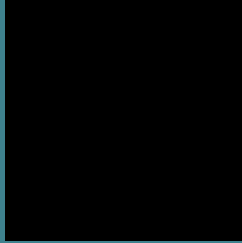
Any Text WCAG AA ✓ Pass

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 3E828E Background



This preview shows how black text looks on a background with the Hex color 3E828E.

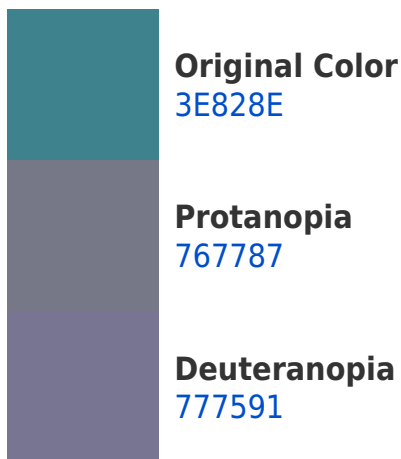


This preview shows how white text looks on a background with the Hex color 3E828E.

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](#).

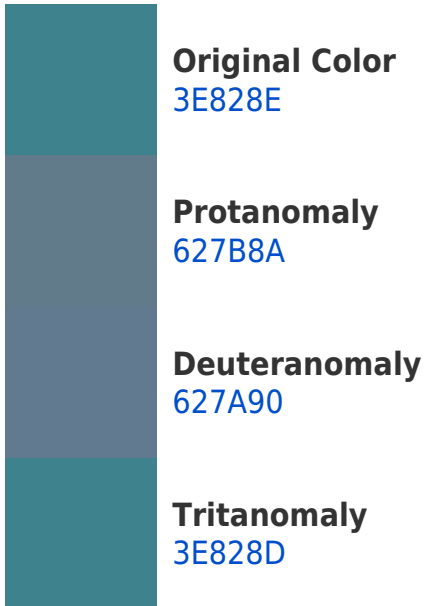
Dichromacy



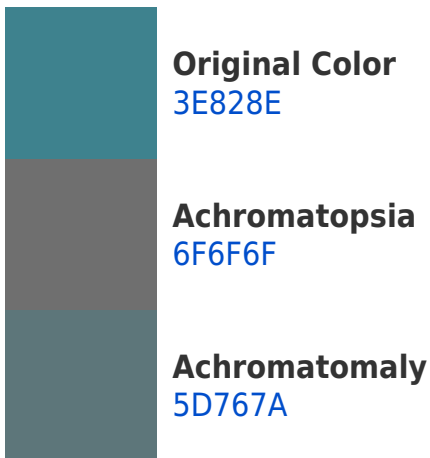


Tritanopia
3E828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E828E 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 #3E828E looks like.

```
.text, #text, p{  
    color:#3E828E  
}
```

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 #3E828E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E828E
}
```

Border

The CSS property to change the border of an element to Hex 3E828E 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
#3E828E }
```

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

```
.border{ border-color:#3E828E }
```

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

Here you see how a box with a 4 pixel #3E828E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E828E; -webkit-box-shadow:4px 4px  
4px 4px #3E828E; box-shadow:4px 4px 4px  
4px #3E828E }
```

Background

The CSS property to change the background color of an element to Hex 3E828E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E828E }
```

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

```
.background{ background-color:#3E828E }
```

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