

Converting Colors

Hex(3D8E82)

Have a look what the booklet for
Hex(3D8E82) contains.

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Color

Hex(3D8E82)

Conversions

Conversions Part 1

Format	Color
Hex	3D8E82
RGB	61, 142, 130
RGB Percent	24%, 56%, 51%
CMY	0.7608, 0.4431, 0.4902
CMYK	0.57, 0.00, 0.08, 0.44
HSL	171°, 40%, 40%
HSV	171°, 57%, 56%
XYZ	15.6267, 21.9498, 24.5322
YIQ	116.4130, -44.4240, -20.9040

Conversions

Conversions Part 2

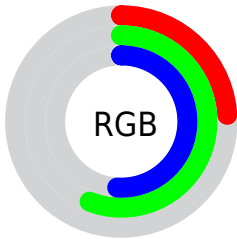
Format	Color
RYB	61, 105, 142
Decimal	4034178
CIELab	53.97, -27.70, -1.06
CIELCh	54, 27.718, 182.182
Yxy	21.9498, 0.2516, 0.3534
Android (android.graphics.Color)	4282224258 (0xFF3D8E82)
YUV	116.4130, 6.6984, -48.5972
Hunter-Lab	46.8506, -22.4510, 1.7496

Details

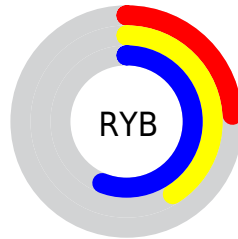
The Hex color **3D8E82** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8E3D49**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **74C4B7**, and **005B51** is the 20% darker color. If you saturate the color by 10%, you get **2F8E80**, and if you desaturate by 10%, it is **4B8E84**.

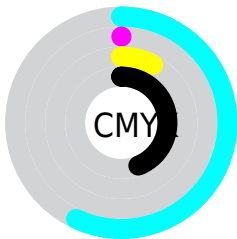
Distribution



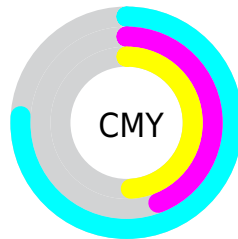
- Red (24%)
- Green (56%)
- Blue (51%)



- Red (24%)
- Yellow (41%)
- Blue (56%)



- Cyan (57%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



- Cyan (76%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D8E82 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 3D8E82 by changing the saturation by 10% instead.

 3D8E82

 3D8E82

FFFFFF

 1E7469

 74C4B7

 005B51

 90E0D2

 00433A

 ACFDEF

 002C24

 C8FFFF

 00170F

 E5FFFF

 000000

 3D8E82

 3D8E82

 2F8E80

 4B8E84

 218E7E

 598E86

■ 128E7C

■ 688E88

■ 048E7A

■ 768E8A

■ 008E79

■ 848E8D

■ 928E8F

■ A08E91

■ AF8E93

■ BD8E95

Harmonies

Analogous

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



5A8C6A



3D8E82



2B8D9A

Triad

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



3D8E82



867AA9



A47857

Complementary

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



3D8E82



8E3D49

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.



AF7169



3D8E82



A17298

Square

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



3D8E82



6383B0



AF6F80



908051

Rectangle

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



3D8E82



348BA6



AF6F80



A9755C

Sweetspot

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



3D8E82



98B8B3



498E3D



495C59



DBDBDB



5C5C5C

Same Dimension

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



3D8E82



3BB8A5



3D728E



404746



008773



000807

Inverse Universe

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



8E3D49



B83B4D



8E593D



474041



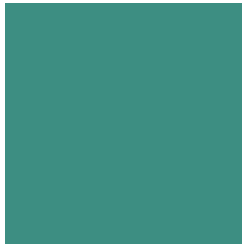
870014



080001

Previews

White Background



This preview shows how the Hex color 3D8E82 looks on a white background.

Color Contrast Check

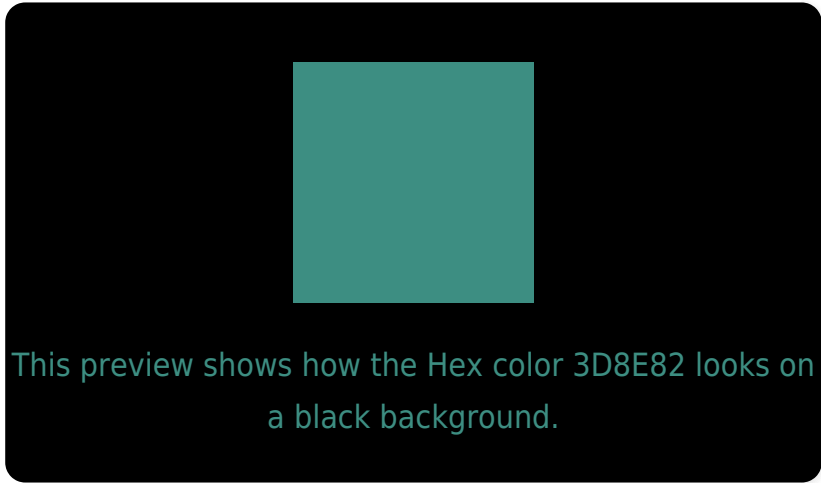
Large Text (above 18pt) WCAG AA ✓ Pass

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

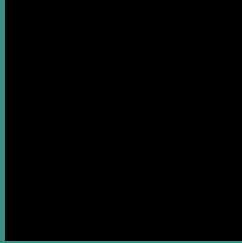
Any Text WCAG AA ✓ Pass

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 3D8E82 Background



This preview shows how black text looks on a background with the Hex color 3D8E82.

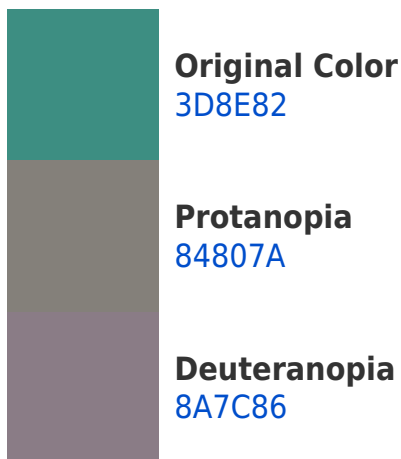


This preview shows how white text looks on a background with the Hex color 3D8E82.

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
458B96

Trichromacy



Original Color
3D8E82



Protanomaly
6A857D



Deuteranomaly
6E8385



Tritanomaly
428C8F

Monochromacy



Original Color
3D8E82



Achromatopsia
747474



Achromatomaly
607D79

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D8E82 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 #3D8E82 looks like.

```
.text, #text, p{  
    color:#3D8E82  
}
```

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 #3D8E82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8E82
}
```

Border

The CSS property to change the border of an element to Hex 3D8E82 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
#3D8E82 }
```

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

```
.border{ border-color:#3D8E82 }
```

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

Here you see how a box with a 4 pixel #3D8E82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8E82; -webkit-box-shadow:4px 4px  
4px 4px #3D8E82; box-shadow:4px 4px 4px  
4px #3D8E82 }
```

Background

The CSS property to change the background color of an element to Hex 3D8E82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8E82 }
```

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

```
.background{ background-color:#3D8E82 }
```

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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