

Converting Colors

Hex(3D9E82)

Have a look what the booklet for
Hex(3D9E82) contains.

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Color

Hex(3D9E82)

Conversions

Conversions Part 1

Format	Color
Hex	3D9E82
RGB	61, 158, 130
RGB Percent	24%, 62%, 51%
CMY	0.7608, 0.3804, 0.4902
CMYK	0.61, 0.00, 0.18, 0.38
HSL	163°, 44%, 43%
HSV	163°, 61%, 62%
XYZ	18.1806, 27.0575, 25.3835
YIQ	125.8050, -48.8240, -29.2720

Conversions

Conversions Part 2

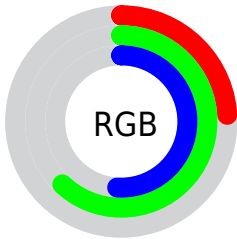
Format	Color
RYB	61, 118, 158
Decimal	4038274
CIELab	59.03, -35.31, 6.27
CIElCh	59, 35.857, 169.935
Yxy	27.0575, 0.2574, 0.3831
Android (android.graphics.Color)	4282228354 (0xFF3D9E82)
YUV	125.8050, 2.0681, -56.8340
Hunter-Lab	52.0168, -28.6413, 7.4791

Details

The Hex color **3D9E82** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E3D59**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **76D5B7**, and **006A51** is the 20% darker color. If you saturate the color by 10%, you get **2D9E7D**, and if you desaturate by 10%, it is **4D9E87**.

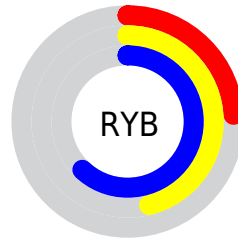
Distribution



Red (24%)

Green (62%)

Blue (51%)



Red (24%)

Yellow (46%)

Blue (62%)

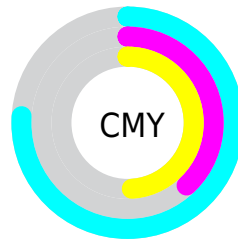


Cyan (61%)

Magenta (0%)

Yellow (18%)

Black (38%)



Cyan (76%)

Magenta (38%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D9E82 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 3D9E82 by changing the saturation by 10% instead.



3D9E82



3D9E82

FFFFFF



1B8369



76D5B7



006A51



92F2D3



00513A



AFFFEF



003924



CBFFFF



00250F



E9FFFF



000000



3D9E82



3D9E82



2D9E7D



4D9E87



1D9E79



5D9E8B

 0E9E74

 6C9E90

 009E70

 7C9E94

 8C9E99

 9C9E9D

 AC9EA2

 BB9EA6

 CB9EAB

Harmonies

Analogous

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



699A64



3D9E82



009FA2

Triad

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



3D9E82



818AC9



C27E5F

Complementary

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



3D9E82



9E3D59

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.



CB767A



3D9E82



AB7EB7

Square

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



3D9E82



4994CC



C4769A



AC8950

Rectangle

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



3D9E82



009DB5



C4769A



C67A67

Sweetspot

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



3D9E82



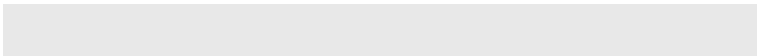
A9CFC4



5A9E3D



526962



E8E8E8



696969

Same Dimension

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



3D9E82



36CFA2



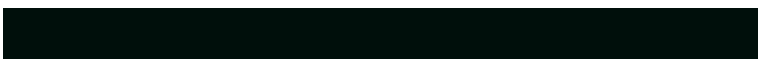
3D8B9E



474F4D



008F66



000F0B

Inverse Universe

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



9E3D59



CF3662



9E503D



4F4749



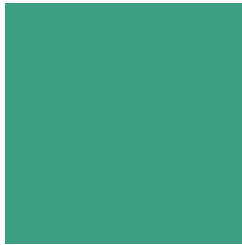
8F0029



0F0004

Previews

White Background



This preview shows how the Hex color 3D9E82 looks on a white background.

Color Contrast Check

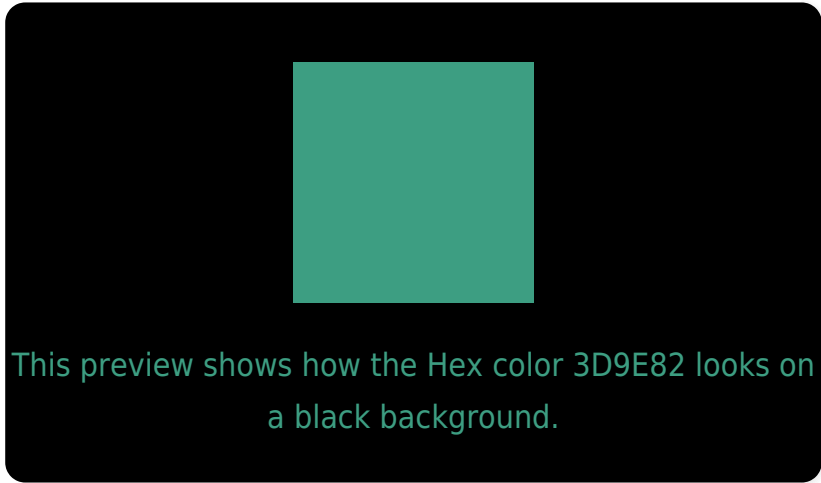
Large Text (above 18pt) WCAG AA ✓ Pass

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

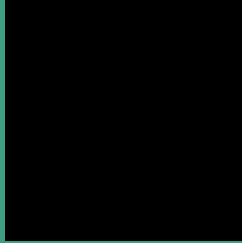
Any Text WCAG AA ✓ Pass

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 3D9E82 Background



This preview shows how black text looks on a background with the Hex color 3D9E82.

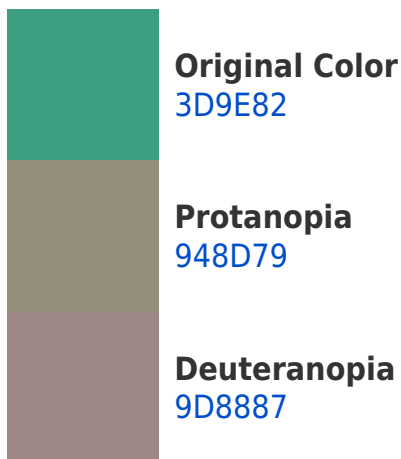


This preview shows how white text looks on a background with the Hex color 3D9E82.

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
4A99A5

Trichromacy



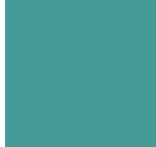
Original Color
3D9E82



Protanomaly
74937C



Deuteranomaly
7A9085



Tritanomaly
459B98

Monochromacy



Original Color
3D9E82



Achromatopsia
7E7E7E



Achromatomaly
668A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D9E82 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 #3D9E82 looks like.

```
.text, #text, p{  
    color:#3D9E82  
}
```

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 #3D9E82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9E82
}
```

Border

The CSS property to change the border of an element to Hex 3D9E82 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
#3D9E82 }
```

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

```
.border{ border-color:#3D9E82 }
```

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

Here you see how a box with a 4 pixel #3D9E82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9E82; -webkit-box-shadow:4px 4px  
4px 4px #3D9E82; box-shadow:4px 4px 4px  
4px #3D9E82 }
```

Background

The CSS property to change the background color of an element to Hex 3D9E82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9E82 }
```

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

```
.background{ background-color:#3D9E82 }
```

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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