

Converting Colors

Hex(3F9281)

Have a look what the booklet for
Hex(3F9281) contains.

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Color

Hex(3F9281)

Conversions

Conversions Part 1

Format	Color
Hex	3F9281
RGB	63, 146, 129
RGB Percent	25%, 57%, 51%
CMY	0.7529, 0.4275, 0.4941
CMYK	0.57, 0.00, 0.12, 0.43
HSL	168°, 40%, 41%
HSV	168°, 57%, 57%
XYZ	16.2912, 23.1995, 24.3882
YIQ	119.2450, -44.0110, -22.8830

Conversions

Conversions Part 2

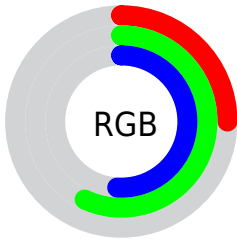
Format	Color
R _{YB}	63, 109, 146
Decimal	4166273
CIE _{Lab}	55.28, -29.49, 1.43
CIE _{LCh}	55, 29.522, 177.222
Yxy	23.1995, 0.2550, 0.3632
Android (android.graphics.Color)	4282356353 (0xFF3F9281)
YUV	119.2450, 4.8092, -49.3269
Hunter-Lab	48.1659, -23.9159, 3.6953

Details

The Hex color **3F9281** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **923F50**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **76C8B6**, and **005F50** is the 20% darker color. If you saturate the color by 10%, you get **30927E**, and if you desaturate by 10%, it is **4E9284**.

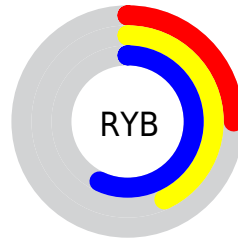
Distribution



Red (25%)

Green (57%)

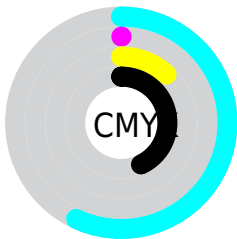
Blue (51%)



Red (25%)

Yellow (43%)

Blue (57%)

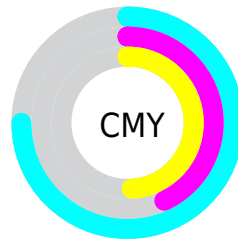


Cyan (57%)

Magenta (0%)

Yellow (12%)

Black (43%)



Cyan (75%)

Magenta (43%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9281 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 3F9281 by changing the saturation by 10% instead.

 3F9281

 3F9281

FFFFFF

 217868

 76C8B6

 005F50

 92E5D1

 004739

 AEFEE

 002F24

 CAFFF

 001B0E

 E7FFF

 000000

 3F9281

 3F9281

 30927E

 4E9284

 22927B

 5C9287

■ 139278

■ 6B928A

■ 059275

■ 79928D

■ 009274

■ 889290

■ 979293

■ A59296

■ B49299

■ C2929C

Harmonies

Analogous

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



5F8F68



3F9281



24929B

Triad

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



3F9281



847FB2



AC795A

Complementary

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



3F9281



923F50

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.



B6726E



3F9281



A276A0

Square

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



3F9281



5C88B7



B47188



988251

Rectangle

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



3F9281



2990A9



B47188



B07660

Sweetspot

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



3F9281



9DBDB6



51923F



4B5E5A



DEDEDE



5E5E5E

Same Dimension

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



3F9281



3CBDA2



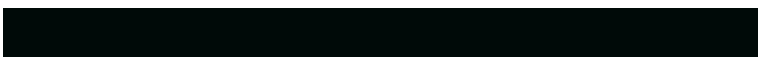
3F7A92



434A48



008A6D



000A08

Inverse Universe

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



923F50



BD3C57



92573F



4A4344



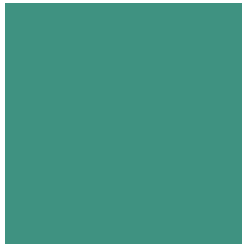
8A001C



0A0002

Previews

White Background



This preview shows how the Hex color 3F9281 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

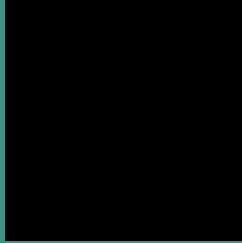
Any Text WCAG AA ✓ Pass

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 3F9281 Background



This preview shows how black text looks on a background with the Hex color 3F9281.

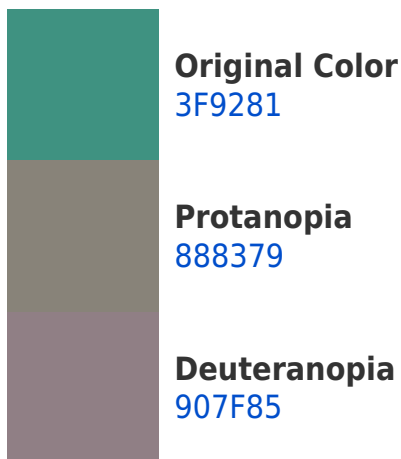


This preview shows how white text looks on a background with the Hex color 3F9281.

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
488E9A

Trichromacy



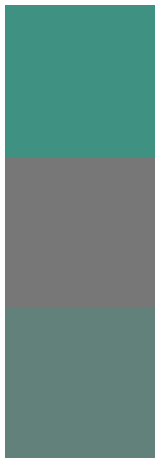
Original Color
3F9281

Protanomaly
6D887C

Deuteranomaly
738684

Tritanomaly
458F91

Monochromacy



Original Color
3F9281

Achromatopsia
777777

Achromatomaly
63817B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9281 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 #3F9281 looks like.

```
.text, #text, p{  
    color:#3F9281  
}
```

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 #3F9281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9281
}
```

Border

The CSS property to change the border of an element to Hex 3F9281 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
#3F9281 }
```

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

```
.border{ border-color:#3F9281 }
```

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

Here you see how a box with a 4 pixel #3F9281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9281; -webkit-box-shadow:4px 4px  
4px 4px #3F9281; box-shadow:4px 4px 4px  
4px #3F9281 }
```

Background

The CSS property to change the background color of an element to Hex 3F9281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9281 }
```

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

```
.background{ background-color:#3F9281 }
```

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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