

Converting Colors

Hex(3F9461)

Have a look what the booklet for
Hex(3F9461) contains.

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Color

Hex(3F9461)

Conversions

Conversions Part 1

Format	Color
Hex	3F9461
RGB	63, 148, 97
RGB Percent	25%, 58%, 38%
CMY	0.7529, 0.4196, 0.6196
CMYK	0.57, 0.00, 0.34, 0.42
HSL	144°, 40%, 41%
HSV	144°, 57%, 58%
XYZ	14.7975, 23.0996, 14.9880
YIQ	116.7710, -34.2890, -33.8810

Conversions

Conversions Part 2

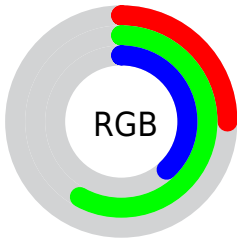
Format	Color
R _{YB}	63, 124, 148
Decimal	4166753
CIE _{Lab}	55.17, -37.81, 19.45
CIE _{LCh}	55, 42.517, 152.778
Yxy	23.0996, 0.2798, 0.4368
Android (android.graphics.Color)	4282356833 (0xFF3F9461)
YUV	116.7710, -9.7471, -47.1572
Hunter-Lab	48.0621, -29.1516, 15.1540

Details

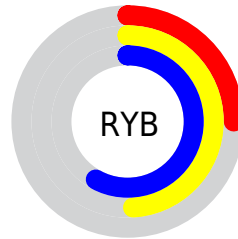
The Hex color **3F9461** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **943F72**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **76CB94**, and **006032** is the 20% darker color. If you saturate the color by 10%, you get **309458**, and if you desaturate by 10%, it is **4E946A**.

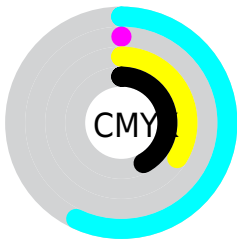
Distribution



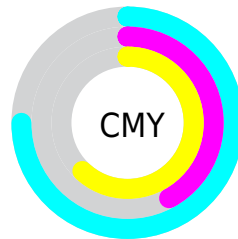
- Red (25%)
- Green (58%)
- Blue (38%)



- Red (25%)
- Yellow (49%)
- Blue (58%)



- Cyan (57%)
- Magenta (0%)
- Yellow (34%)
- Black (42%)



- Cyan (75%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9461 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 3F9461 by changing the saturation by 10% instead.


 3F9461

 3F9461

FFFFFF

 217A49

 76CB94

 006032

 91E7AF

 00481C

 ADFFCA

 003005

 CAFFE6

 001B00

 E7FFFF


 000000

 3F9461

 3F9461

 309458

 4E946A

 21944F

 5D9473

■ 139446

■ 6B947C

■ 04943D

■ 7A9485

■ 00943B

■ 89948D

■ 989496

■ A7949F

■ B594A8

■ C494B1

Harmonies

Analogous

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



708E44



3F9461



009786

Triad

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



3F9461



4887CD



C76A5E

Complementary

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



3F9461



943F72

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.



C86582



3F9461



8B79C2

Square

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



3F9461



0091C5



B46BA6



B47643

Rectangle

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



3F9461



00979F



B46BA6



C9676A

Sweetspot

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



3F9461



9FBFAC



72943F



4E6155



E0E0E0



616161

Same Dimension

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



3F9461



3BBF70



3F948C



434A46



008A37



000A04

Inverse Universe

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



943F72



BF3B8A



943F48



4A4347



8A0053



0A0006

Previews

White Background



This preview shows how the Hex color 3F9461 looks on a white background.

Color Contrast Check

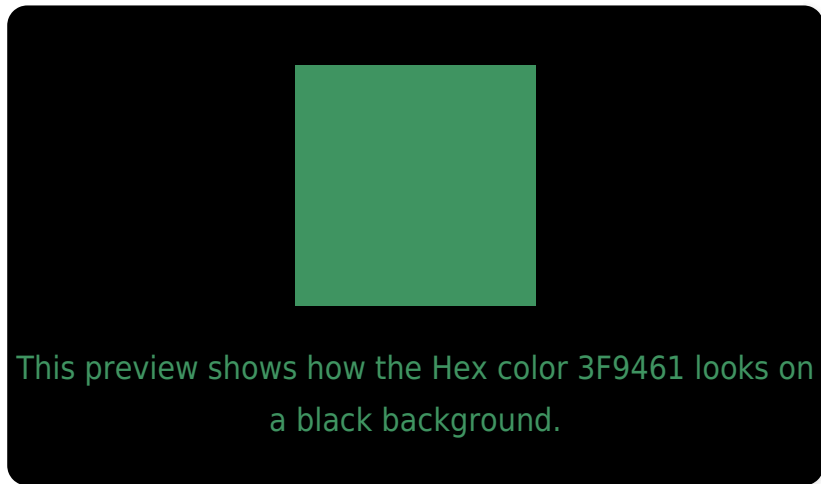
Large Text (above 18pt) WCAG AA ✓ Pass

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

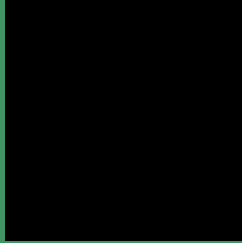
Any Text WCAG AA ✓ Pass

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 3F9461 Background



This preview shows how black text looks on a background with the Hex color 3F9461.



This preview shows how white text looks on a background with the Hex color 3F9461.

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



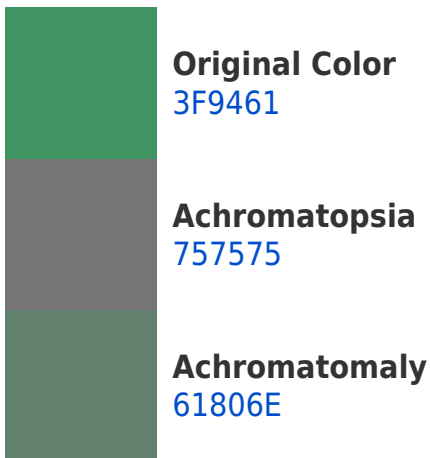


Tritanopia
4F8D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9461 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 #3F9461 looks like.

```
.text, #text, p{  
    color:#3F9461  
}
```

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 #3F9461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9461
}
```

Border

The CSS property to change the border of an element to Hex 3F9461 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
#3F9461 }
```

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

```
.border{ border-color:#3F9461 }
```

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

Here you see how a box with a 4 pixel #3F9461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9461; -webkit-box-shadow:4px 4px  
4px 4px #3F9461; box-shadow:4px 4px 4px  
4px #3F9461 }
```

Background

The CSS property to change the background color of an element to Hex 3F9461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9461 }
```

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

```
.background{ background-color:#3F9461 }
```

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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