

# Converting Colors

Hex(3FA261)

Have a look what the booklet for  
Hex(3FA261) contains.

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**Color**

**Hex(3FA261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FA261
RGB	63, 162, 97
RGB Percent	25%, 64%, 38%
CMY	0.7529, 0.3647, 0.6196
CMYK	0.61, 0.00, 0.40, 0.36
HSL	141°, 44%, 44%
HSV	141°, 61%, 64%
XYZ	17.1279, 27.7605, 15.7648
YIQ	124.9890, -38.1390, -41.2030

# Conversions

## Conversions Part 2

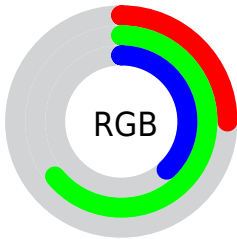
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 137, 162
Decimal	4170337
CIELab	59.67, -43.75, 25.45
CIELCh	60, 50.616, 149.817
Yxy	27.7605, 0.2824, 0.4577
Android (android.graphics.Color)	4282360417 (0xFF3FA261)
YUV	124.9890, -13.7986, -54.3644
Hunter-Lab	52.6882, -34.1776, 19.1416

# Details

The Hex color **3FA261** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A23F80**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **78DA94**, and **006D31** is the 20% darker color. If you saturate the color by 10%, you get **2FA256**, and if you desaturate by 10%, it is **4FA26C**.

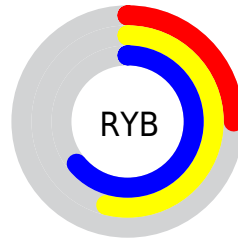
# Distribution



Red (25%)

Green (64%)

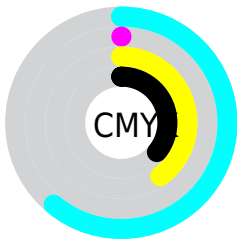
Blue (38%)



Red (25%)

Yellow (54%)

Blue (64%)

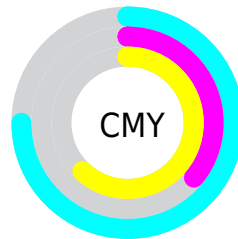


Cyan (61%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (75%)

Magenta (36%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FA261 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 3FA261 by changing the saturation by 10% instead.





3FA261



3FA261

FFFFFF



1E8749



78DA94



006D31



94F6AF



00541B



B0FFCB



003C03



CDFFE7



002700



EBFFFF



000000



3FA261



3FA261



2FA256



4FA26C



1FA24C



5FA276

 0EA241

 70A281

 00A238

 80A28C

 90A296

 A0A2A1

 B0A2AB

 C1A2B6

 D1A2C1

# Harmonies

## Analogous

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



7C9A3E



3FA261



00A68E

# Triad

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



3FA261



2B95E9



E06D66

# Complementary

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



3FA261



A23F80

# 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.



DF6892



3FA261



9184DD

# Square

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



3FA261



00A0DC



C672BD



CB7D43

# Rectangle

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



3FA261



00A6AD



C672BD



E26A74



# Sweetspot

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



3FA261



AED4BB



81A23F



546B5C



EBEBEB



6B6B6B



# Same Dimension

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



3FA261



39D46E



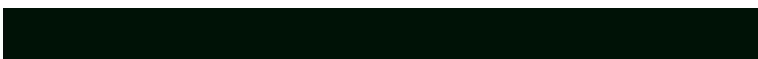
3FA291



49524C



009132



001206



# Inverse Universe

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



A23F80



D4399F



A23F50



52494F



91005F



12000C



# Previews

## White Background



This preview shows how the Hex color 3FA261 looks on a white background.

## Color Contrast Check

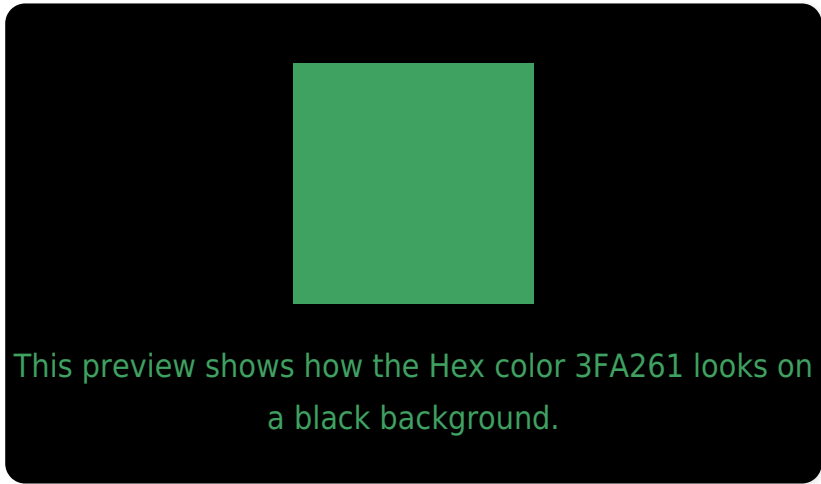
Large Text (above 18pt) WCAG AA ✓ Pass

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

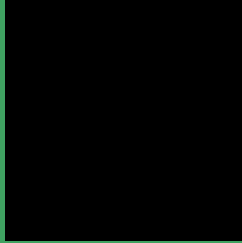
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3FA261 Background



This preview shows how black text looks on a background with the Hex color 3FA261.



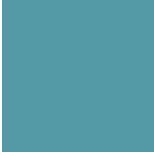
This preview shows how white text looks on a background with the Hex color 3FA261.

# 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**  
549AA6

# Trichromacy



**Original Color**  
3FA261



**Protanomaly**  
7A965C



**Deuteranomaly**  
829265



**Tritanomaly**  
4C9D8D

# Monochromacy



**Original Color**  
3FA261



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
668A73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FA261 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 #3FA261 looks like.

```
.text, #text, p{  
    color:#3FA261  
}
```

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 #3FA261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FA261
}
```

## Border

The CSS property to change the border of an element to Hex 3FA261 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
#3FA261 }
```

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

```
.border{ border-color:#3FA261 }
```

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

Here you see how a box with a 4 pixel #3FA261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FA261; -webkit-box-shadow:4px 4px  
4px 4px #3FA261; box-shadow:4px 4px 4px  
4px #3FA261 }
```

# Background

The CSS property to change the background color of an element to Hex 3FA261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FA261 }
```

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

```
.background{ background-color:#3FA261 }
```

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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