

Converting Colors

Hex(3A6B3F)

Have a look what the booklet for
Hex(3A6B3F) contains.

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Color

Hex(3A6B3F)

Conversions

Conversions Part 1

Format	Color
Hex	3A6B3F
RGB	58, 107, 63
RGB Percent	23%, 42%, 25%
CMY	0.7725, 0.5804, 0.7529
CMYK	0.46, 0.00, 0.41, 0.58
HSL	126°, 30%, 32%
HSV	126°, 46%, 42%
XYZ	7.8998, 11.7738, 6.5588
YIQ	87.3330, -15.0800, -24.0720

Conversions

Conversions Part 2

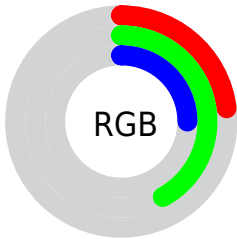
Format	Color
RYB	58, 102, 107
Decimal	3828543
CIELab	40.85, -26.86, 19.62
CIELCh	41, 33.263, 143.845
Yxy	11.7738, 0.3011, 0.4488
Android (android.graphics.Color)	4282018623 (0xFF3A6B3F)
YUV	87.3330, -11.9962, -25.7250
Hunter-Lab	34.3130, -18.9520, 12.6860

Details

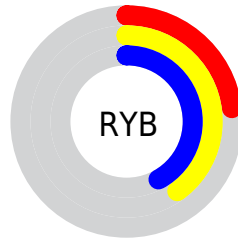
The Hex color **3A6B3F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6B3A66**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6C9F6F**, and **053B13** is the 20% darker color. If you saturate the color by 10%, you get **2F6B35**, and if you desaturate by 10%, it is **456B49**.

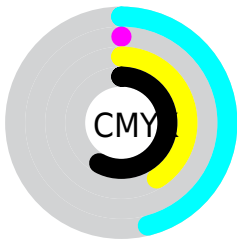
Distribution



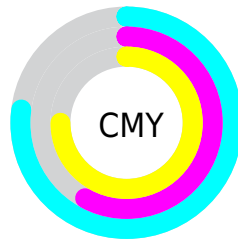
- Red (23%)
- Green (42%)
- Blue (25%)



- Red (23%)
- Yellow (40%)
- Blue (42%)



- Cyan (46%)
- Magenta (0%)
- Yellow (41%)
- Black (58%)



- Cyan (77%)
- Magenta (58%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A6B3F 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 3A6B3F by changing the saturation by 10% instead.



3A6B3F



3A6B3F

FFFFFF



215229



6C9F6F



053B13



86BA89



002500



A1D6A3



000600



BDF2BE



000000



D9FFDA



F6FFF7



3A6B3F



3A6B3F



2F6B35



456B49

■ 256B2C

■ 4F6B52

■ 1A6B22

■ 5A6B5C

■ 0F6B19

■ 656B65

■ 056B0F

■ 706B6F

■ 006B0B

■ 7A6B79

■ 856B82

■ 906B8C

■ 9A6B95

Harmonies

Analogous

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



5B652C



3A6B3F



006E5A

Triad

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



3A6B3F



1E6596



934B4C

Complementary

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



3A6B3F



6B3A66

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.



904A67



3A6B3F



595B92

Square

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



3A6B3F



006B8C



7D5181



895335

Rectangle

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



3A6B3F



006E6C



7D5181



944A55

Sweetspot

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



3A6B3F



798C7B



666B3A



3B473D



C7C7C7



474747

Same Dimension

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



3A6B3F



3F8C47



3A6B57



303631



00750C



00F519

Inverse Universe

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



6B3A66



8C3F84



6B3A4E



363035



750069



F500DC

Previews

White Background



This preview shows how the Hex color 3A6B3F looks on a white background.

Color Contrast Check

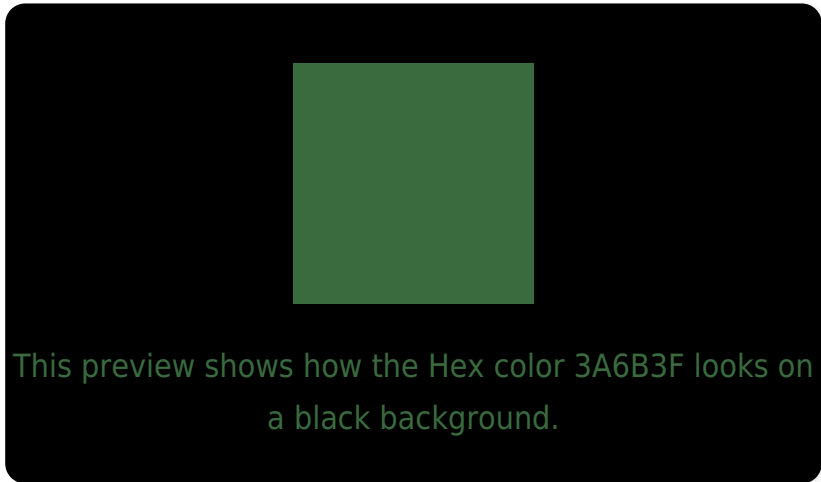
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

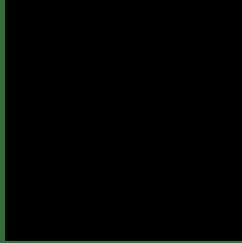
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3A6B3F Background



This preview shows how black text looks on a background with the Hex color 3A6B3F.



This preview shows how white text looks on a background with the Hex color 3A6B3F.

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



Original Color
3A6B3F

Protanopia
69603B

Deuteranopia
725C43



Tritanopia
44666E

Trichromacy



Original Color
3A6B3F

Protanomaly
58643C

Deuteranomaly
5E6142

Tritanomaly
40685D

Monochromacy



Original Color
3A6B3F

Achromatopsia
575757

Achromatomaly
4C5E4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A6B3F 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 #3A6B3F looks like.

```
.text, #text, p{  
    color:#3A6B3F  
}
```

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 #3A6B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6B3F
}
```

Border

The CSS property to change the border of an element to Hex 3A6B3F 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".

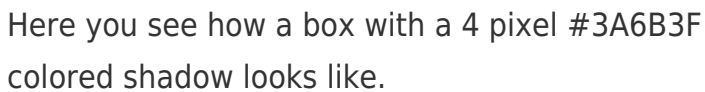
```
.border, #border, table{ border:4px solid
#3A6B3F }
```

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

```
.border{ border-color:#3A6B3F }
```

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

Here you see how a box with a 4 pixel #3A6B3F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6B3F; -webkit-box-shadow:4px 4px  
4px 4px #3A6B3F; box-shadow:4px 4px 4px  
4px #3A6B3F }
```

Background

The CSS property to change the background color of an element to Hex 3A6B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6B3F }
```

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

```
.background{ background-color:#3A6B3F }
```

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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