

Converting Colors

Hex(3A6C43)

Have a look what the booklet for
Hex(3A6C43) contains.

Hex(3A6C43)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A6C43)

Conversions

Conversions Part 1

Format	Color
Hex	3A6C43
RGB	58, 108, 67
RGB Percent	23%, 42%, 26%
CMY	0.7725, 0.5765, 0.7373
CMYK	0.46, 0.00, 0.38, 0.58
HSL	131°, 30%, 33%
HSV	131°, 46%, 42%
XYZ	8.1206, 12.0299, 7.2042
YIQ	88.3760, -16.6390, -23.3510

Conversions

Conversions Part 2

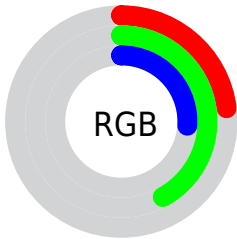
Format	Color
RYB	58, 100, 108
Decimal	3828803
CIELab	41.26, -26.61, 17.84
CIELCh	41, 32.034, 146.161
Yxy	12.0299, 0.2969, 0.4398
Android (android.graphics.Color)	4282018883 (0xFF3A6C43)
YUV	88.3760, -10.5384, -26.6398
Hunter-Lab	34.6842, -18.9051, 11.9639

Details

The Hex color **3A6C43** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C3A63**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6CA073**, and **053C17** is the 20% darker color. If you saturate the color by 10%, you get **2F6C3A**, and if you desaturate by 10%, it is **456C4C**.

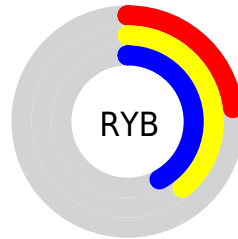
Distribution



Red (23%)

Green (42%)

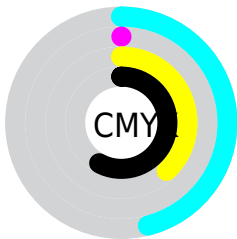
Blue (26%)



Red (23%)

Yellow (39%)

Blue (42%)

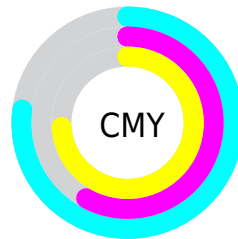


Cyan (46%)

Magenta (0%)

Yellow (38%)

Black (58%)



Cyan (77%)

Magenta (58%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A6C43 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 3A6C43 by changing the saturation by 10% instead.



3A6C43



3A6C43

FFFFFF



21532C



6CA073



053C17



86BB8D



002600



A1D7A8



000900



BDF3C3



000000



D9FFDF



F6FFFC



3A6C43



3A6C43



2F6C3A



456C4C

 246C31

 506C55

 1A6C28

 5A6C5E

 0F6C20

 656C66

 046C17

 706C6F

 006C13

 7B6C78

 866C81

 906C8A

 9B6C93

Harmonies

Analogous

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



5A6730



3A6C43



006F5D

Triad

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



3A6C43



2B6596



934D4C

Complementary

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



3A6C43



6C3A63

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.



904C66



3A6C43



5E5C91

Square

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



3A6C43



006B8C



7F527F



885536

Rectangle

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



3A6C43



006F6F



7F527F



934C54

Sweetspot

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



3A6C43



798C7C



646C3A



3B473D



C7C7C7



474747

Same Dimension

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



3A6C43



3E8C4C



3A6C5B



303631



007515



00F52C

Inverse Universe

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



6C3A63



8C3E7E



6C3A4B



363035



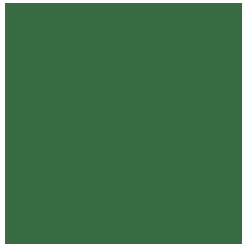
750060



F500C9

Previews

White Background



This preview shows how the Hex color 3A6C43 looks on a white background.

Color Contrast Check

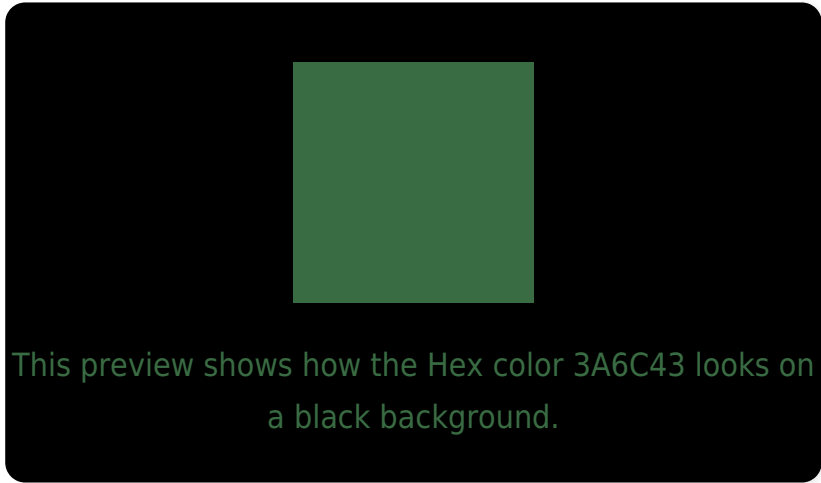
Large Text (above 18pt) WCAG AA ✓ Pass

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

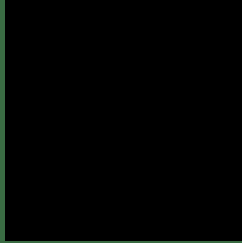
Any Text WCAG AA × Fail

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 3A6C43 Background



This preview shows how black text looks on a background with the Hex color 3A6C43.



This preview shows how white text looks on a background with the Hex color 3A6C43.

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
3A6C43

Protanopia
69613F

Deuteranopia
735D46



Tritanopia
44676F

Trichromacy



Original Color
3A6C43

Protanomaly
586540

Deuteranomaly
5E6245

Tritanomaly
40695F

Monochromacy



Original Color
3A6C43

Achromatopsia
585858

Achromatomaly
4D5F50

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A6C43 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 #3A6C43 looks like.

```
.text, #text, p{  
    color:#3A6C43  
}
```

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 #3A6C43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6C43
}
```

Border

The CSS property to change the border of an element to Hex 3A6C43 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".

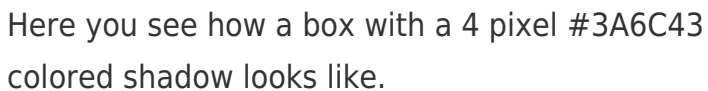
```
.border, #border, table{ border:4px solid
#3A6C43 }
```

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

```
.border{ border-color:#3A6C43 }
```

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

Here you see how a box with a 4 pixel #3A6C43 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6C43; -webkit-box-shadow:4px 4px  
4px 4px #3A6C43; box-shadow:4px 4px 4px  
4px #3A6C43 }
```

Background

The CSS property to change the background color of an element to Hex 3A6C43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6C43 }
```

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

```
.background{ background-color:#3A6C43 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor