

Converting Colors

Hex(3A6649)

Have a look what the booklet for
Hex(3A6649) contains.

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Color

Hex(3A6649)

Conversions

Conversions Part 1

Format	Color
Hex	3A6649
RGB	58, 102, 73
RGB Percent	23%, 40%, 29%
CMY	0.7725, 0.6000, 0.7137
CMYK	0.43, 0.00, 0.28, 0.60
HSL	140°, 28%, 31%
HSV	140°, 43%, 40%
XYZ	7.6989, 10.8833, 7.9982
YIQ	85.5380, -16.9150, -18.3470

Conversions

Conversions Part 2

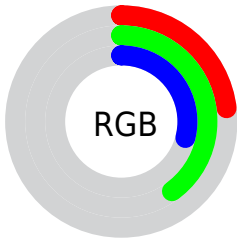
Format	Color
RYB	58, 91, 102
Decimal	3827273
CIELab	39.38, -22.38, 11.73
CIELCh	39, 25.269, 152.348
Yxy	10.8833, 0.2896, 0.4094
Android (android.graphics.Color)	4282017353 (0xFF3A6649)
YUV	85.5380, -6.1812, -24.1508
Hunter-Lab	32.9899, -16.0755, 8.7183

Details

The Hex color **3A6649** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **663A57**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6B997A**, and **08371D** is the 20% darker color. If you saturate the color by 10%, you get **306642**, and if you desaturate by 10%, it is **446650**.

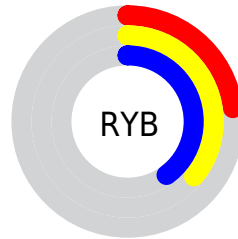
Distribution



Red (23%)

Green (40%)

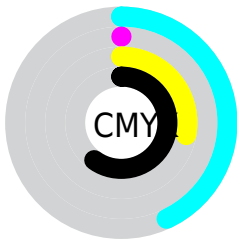
Blue (29%)



Red (23%)

Yellow (36%)

Blue (40%)

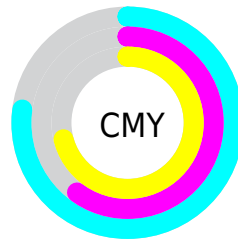


Cyan (43%)

Magenta (0%)

Yellow (28%)

Black (60%)



Cyan (77%)

Magenta (60%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A6649 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 3A6649 by changing the saturation by 10% instead.

 3A6649

 3A6649

FFFFFF

 224E32

 6B997A

 08371D

 85B493

 002105

 A0D0AE

 000000

 BBECCA

 D7FFE6

 F4FFFF

 3A6649

 3A6649

 306642

 446650

■ 26663C

■ 4E6656

■ 1B6635

■ 59665D

■ 11662E

■ 636664

■ 076627

■ 6D666B

■ 006623

■ 776671

■ 816678

■ 8C667F

■ 966686

Harmonies

Analogous

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



536239



3A6649



1C685E

Triad

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



3A6649



415E86



834F48

Complementary

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



3A6649



663A57

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.



834D5C



3A6649



61577F

Square

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



3A6649



196481



785070



7A5539

Rectangle

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



3A6649



00686C



785070



854D4E

Sweetspot

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



3A6649



738579



57663A



38423B



C2C2C2



424242

Same Dimension

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



3A6649



408557



3A665F



2E3330



007327



00F253

Inverse Universe

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



663A57



85406D



663A41



332E31



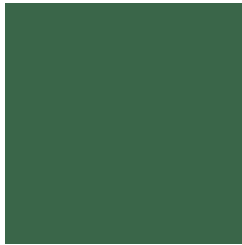
73004C



F200A0

Previews

White Background



This preview shows how the Hex color 3A6649 looks on a white background.

Color Contrast Check

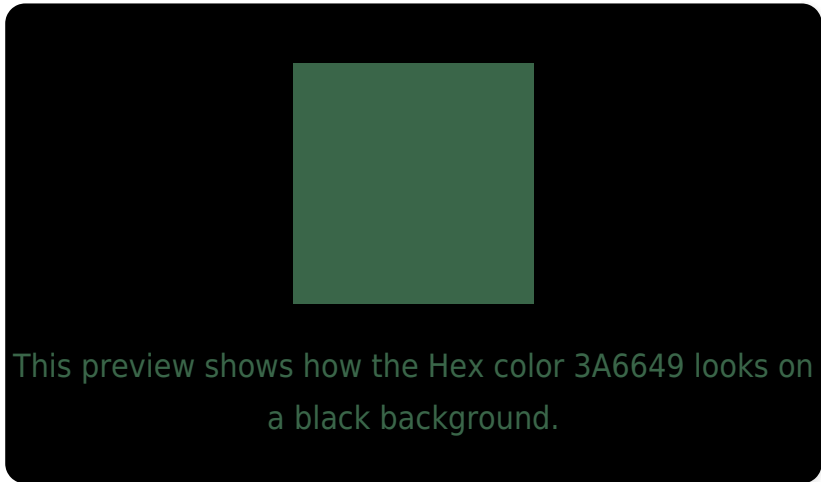
Large Text (above 18pt) WCAG AA ✓ Pass

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

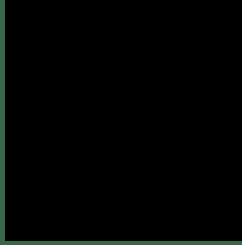
Any Text WCAG AA × Fail

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 3A6649 Background



This preview shows how black text looks on a background with the Hex color 3A6649.



This preview shows how white text looks on a background with the Hex color 3A6649.

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
3A6649

Protanopia
635C45

Deuteranopia
6B594C



Tritanopia
42626A

Trichromacy



Original Color
3A6649

Protanomaly
546046

Deuteranomaly
595E4B

Tritanomaly
3F635E

Monochromacy



Original Color
3A6649

Achromatopsia
565656

Achromatomaly
4C5C51

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A6649 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 #3A6649 looks like.

```
.text, #text, p{  
    color:#3A6649  
}
```

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 #3A6649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6649
}
```

Border

The CSS property to change the border of an element to Hex 3A6649 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".

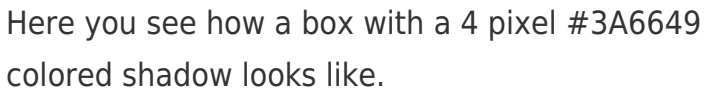
```
.border, #border, table{ border:4px solid
#3A6649 }
```

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

```
.border{ border-color:#3A6649 }
```

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

Here you see how a box with a 4 pixel #3A6649 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6649; -webkit-box-shadow:4px 4px  
4px 4px #3A6649; box-shadow:4px 4px 4px  
4px #3A6649 }
```

Background

The CSS property to change the background color of an element to Hex 3A6649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6649 }
```

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

```
.background{ background-color:#3A6649 }
```

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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