

Converting Colors

Hex(3B6854)

Have a look what the booklet for
Hex(3B6854) contains.

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Color

Hex(3B6854)

Conversions

Conversions Part 1

Format	Color
Hex	3B6854
RGB	59, 104, 84
RGB Percent	23%, 41%, 33%
CMY	0.7686, 0.5922, 0.6706
CMYK	0.43, 0.00, 0.19, 0.59
HSL	153°, 28%, 32%
HSV	153°, 43%, 41%
XYZ	8.3542, 11.4705, 10.1612
YIQ	88.2650, -20.4000, -15.7600

Conversions

Conversions Part 2

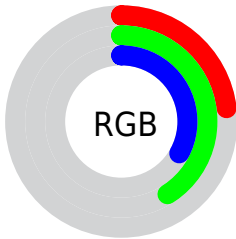
Format	Color
RYB	59, 88, 104
Decimal	3893332
CIELab	40.36, -20.63, 6.46
CIELCh	40, 21.617, 162.617
Yxy	11.4705, 0.2786, 0.3825
Android (android.graphics.Color)	4282083412 (0xFF3B6854)
YUV	88.2650, -2.1026, -25.6654
Hunter-Lab	33.8682, -15.2391, 5.9194

Details

The Hex color **3B6854** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **683B4F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6D9B86**, and **093827** is the 20% darker color. If you saturate the color by 10%, you get **31684F**, and if you desaturate by 10%, it is **456859**.

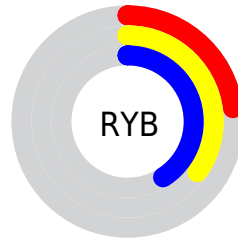
Distribution



Red (23%)

Green (41%)

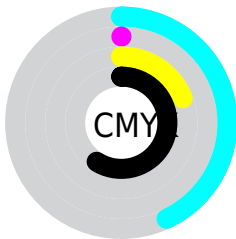
Blue (33%)



Red (23%)

Yellow (35%)

Blue (41%)

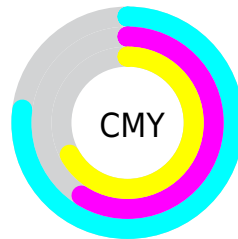


Cyan (43%)

Magenta (0%)

Yellow (19%)

Black (59%)



Cyan (77%)

Magenta (59%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6854 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 3B6854 by changing the saturation by 10% instead.



3B6854



3B6854

FFFFFF



23503D



6D9B86



093827



87B6A0



002313



A1D2BB



000200



BDEED6



000000



D9FFF3



F6FFFF



3B6854



3B6854



31684F



456859

■ 26684B

■ 50685D

■ 1C6846

■ 5A6862

■ 116842

■ 656866

■ 07683D

■ 6F686B

■ 00683A

■ 796870

■ 846874

■ 8E6879

■ 99687E

Harmonies

Analogous

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



506545



3B6854



286966

Triad

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



3B6854



535E81



7F5548

Complementary

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



3B6854



683B4F

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.



825258



3B6854



6B5879

Square

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



3B6854



376480



7B536A



745A3E

Rectangle

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



3B6854



226872



7B536A



81534D

Sweetspot

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



3B6854



76877F



4F683B



3A4540



C4C4C4



454545

Same Dimension

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



3B6854



418768



3B6668



2E3331



007340



00F287

Inverse Universe

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



683B4F



874160



683D3B



332E30



730033



F2006C

Previews

White Background



This preview shows how the Hex color 3B6854 looks on a white background.

Color Contrast Check

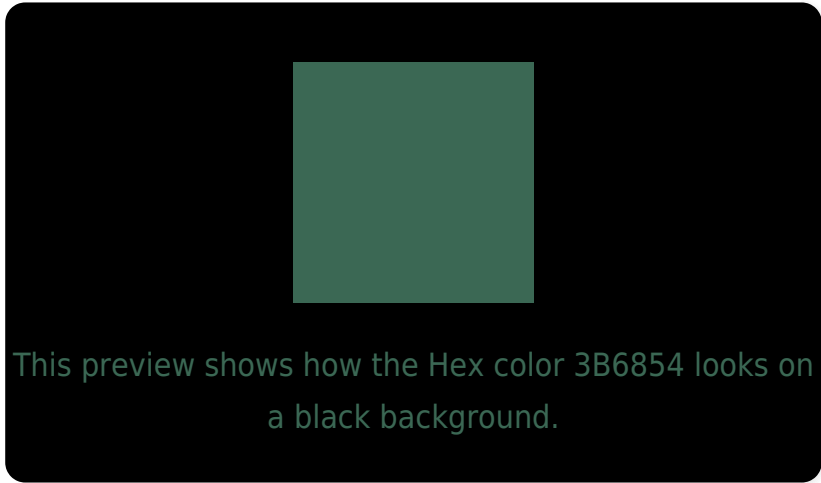
Large Text (above 18pt) WCAG AA ✓ Pass

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

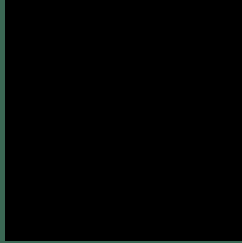
Any Text WCAG AA × Fail

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 3B6854 Background



This preview shows how black text looks on a background with the Hex color 3B6854.



This preview shows how white text looks on a background with the Hex color 3B6854.

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
3B6854

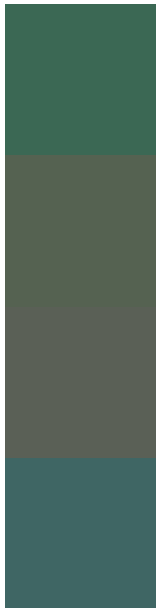
Protanopia
645F4F

Deuteranopia
6B5B57



Tritanopia
41656D

Trichromacy



Original Color
3B6854

Protanomaly
556251

Deuteranomaly
5A6056

Tritanomaly
3F6664

Monochromacy



Original Color
3B6854

Achromatopsia
585858

Achromatomaly
4D5E57

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6854 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 #3B6854 looks like.

```
.text, #text, p{  
    color:#3B6854  
}
```

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 #3B6854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6854
}
```

Border

The CSS property to change the border of an element to Hex 3B6854 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
#3B6854 }
```

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

```
.border{ border-color:#3B6854 }
```

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

Here you see how a box with a 4 pixel #3B6854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6854; -webkit-box-shadow:4px 4px  
4px 4px #3B6854; box-shadow:4px 4px 4px  
4px #3B6854 }
```

Background

The CSS property to change the background color of an element to Hex 3B6854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6854 }
```

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

```
.background{ background-color:#3B6854 }
```

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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