

Converting Colors

Hex(3B6451)

Have a look what the booklet for
Hex(3B6451) contains.

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Color

Hex(3B6451)

Conversions

Conversions Part 1

Format	Color
Hex	3B6451
RGB	59, 100, 81
RGB Percent	23%, 39%, 32%
CMY	0.7686, 0.6078, 0.6824
CMYK	0.41, 0.00, 0.19, 0.61
HSL	152°, 26%, 31%
HSV	152°, 41%, 39%
XYZ	7.8460, 10.6382, 9.4244
YIQ	85.5750, -18.3370, -14.6010

Conversions

Conversions Part 2

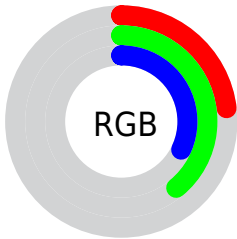
Format	Color
RYB	59, 86, 100
Decimal	3892305
CIELab	38.96, -19.21, 6.30
CIElCh	39, 20.213, 161.851
Yxy	10.6382, 0.2811, 0.3812
Android (android.graphics.Color)	4282082385 (0xFF3B6451)
YUV	85.5750, -2.2555, -23.3063
Hunter-Lab	32.6163, -14.1395, 5.6996

Details

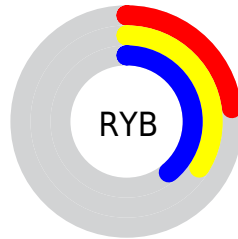
The Hex color **3B6451** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **643B4E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6C9782**, and **0B3524** is the 20% darker color. If you saturate the color by 10%, you get **31644C**, and if you desaturate by 10%, it is **456456**.

Distribution



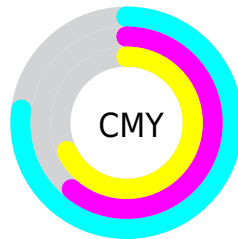
- Red (23%)
- Green (39%)
- Blue (32%)



- Red (23%)
- Yellow (34%)
- Blue (39%)



- Cyan (41%)
- Magenta (0%)
- Yellow (19%)
- Black (61%)



- Cyan (77%)
- Magenta (61%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6451 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 3B6451 by changing the saturation by 10% instead.



3B6451



3B6451

FFFFFF



234C3A



6C9782



0B3524



86B29C



002010



A1CDB7



000000



BCEAD3



D8FFE7



F5FFFF



3B6451



3B6451



31644C



456456

■ 276448

■ 4F645A

■ 1D6443

■ 59645F

■ 13643E

■ 636464

■ 09643A

■ 6D6468

■ 006436

■ 77646D

■ 816471

■ 8B6476

■ 95647B

Harmonies

Analogous

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



4E6143



3B6451



2A6562

Triad

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



3B6451



505B7C



7A5247

Complementary

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



3B6451



643B4E

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.



7C4F56



3B6451



665574

Square

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



3B6451



37607B



765166



70573D

Rectangle

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



3B6451



25646C



765166



7C514B

Sweetspot

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



3B6451



72827B



4E643B



39423E



C2C2C2



424242

Same Dimension

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



3B6451



428265



3B6364



2E3331



00733E



00F282

Inverse Universe

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



643B4E



824260



643C3B



332E30



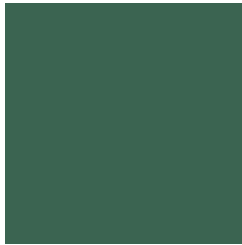
730035



F20070

Previews

White Background



This preview shows how the Hex color 3B6451 looks on a white background.

Color Contrast Check

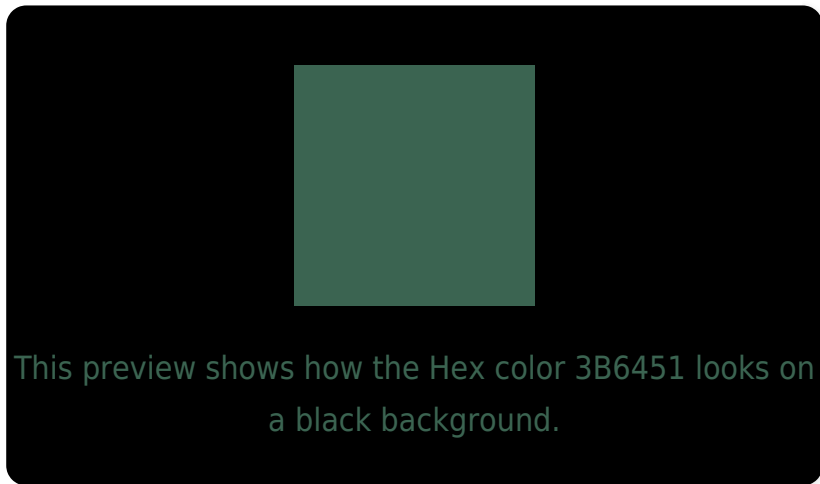
Large Text (above 18pt) WCAG AA ✓ Pass

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

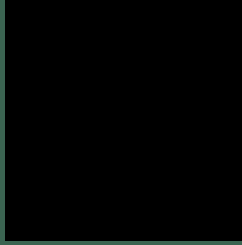
Any Text WCAG AA × Fail

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 3B6451 Background



This preview shows how black text looks on a background with the Hex color 3B6451.



This preview shows how white text looks on a background with the Hex color 3B6451.

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
3B6451

Protanopia
605B4D

Deuteranopia
675854



Tritanopia
416169

Trichromacy



Original Color
3B6451

Protanomaly
535E4E

Deuteranomaly
575C53

Tritanomaly
3F6260

Monochromacy



Original Color
3B6451

Achromatopsia
565656

Achromatomaly
4C5B54

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6451 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 #3B6451 looks like.

```
.text, #text, p{  
    color:#3B6451  
}
```

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 #3B6451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6451
}
```

Border

The CSS property to change the border of an element to Hex 3B6451 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
#3B6451 }
```

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

```
.border{ border-color:#3B6451 }
```

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

Here you see how a box with a 4 pixel #3B6451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6451; -webkit-box-shadow:4px 4px  
4px 4px #3B6451; box-shadow:4px 4px 4px  
4px #3B6451 }
```

Background

The CSS property to change the background color of an element to Hex 3B6451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6451 }
```

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

```
.background{ background-color:#3B6451 }
```

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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