

Converting Colors

Hex(3B6551)

Have a look what the booklet for
Hex(3B6551) contains.

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Color

Hex(3B6551)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 3B6551 |
| RGB | 59, 101, 81 |
| RGB Percent | 23%, 40%, 32% |
| CMY | 0.7686, 0.6039, 0.6824 |
| CMYK | 0.42, 0.00, 0.20, 0.60 |
| HSL | 151°, 26%, 31% |
| HSV | 151°, 42%, 40% |
| XYZ | 7.9425, 10.8312, 9.4566 |
| YIQ | 86.1620, -18.6120, -15.1240 |

Conversions

Conversions Part 2

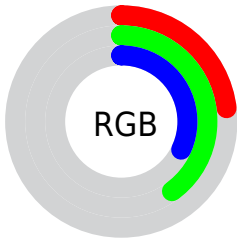
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 59, 87, 101 |
| Decimal | 3892561 |
| CIE _{Lab} | 39.29, -19.74, 6.77 |
| CIE _{LCh} | 39, 20.870, 161.085 |
| Yxy | 10.8312, 0.2813, 0.3837 |
| Android (android.graphics.Color) | 4282082641 (0xFF3B6551) |
| YUV | 86.1620, -2.5449, -23.8211 |
| Hunter-Lab | 32.9109, -14.5159, 6.0012 |

Details

The Hex color **3B6551** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **653B4F**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6C9882**, and **0A3624** is the 20% darker color. If you saturate the color by 10%, you get **31654C**, and if you desaturate by 10%, it is **456556**.

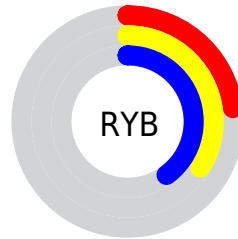
Distribution



Red (23%)

Green (40%)

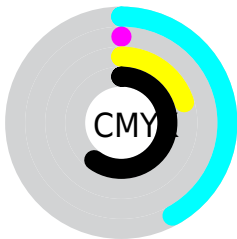
Blue (32%)



Red (23%)

Yellow (34%)

Blue (40%)

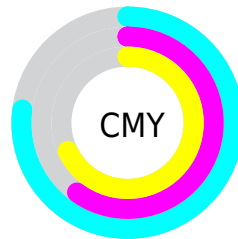


Cyan (42%)

Magenta (0%)

Yellow (20%)

Black (60%)



Cyan (77%)

Magenta (60%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6551 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 3B6551 by changing the saturation by 10% instead.



3B6551



3B6551

FFFFFF



234D3A



6C9882



0A3624



86B39C



002110



A1CFB7



000000



BCEBD3



D8FFE7



F5FFFF



3B6551



3B6551



31654C



456556

■ 276547

■ 4F655B

■ 1D6543

■ 59655F

■ 13653E

■ 636564

■ 086539

■ 6E6569

■ 006535

■ 78656E

■ 826573

■ 8C6577

■ 96657C

Harmonies

Analogous

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



4F6242



3B6551



296662

Triad

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



3B6551



4F5C7E



7C5247

Complementary

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



3B6551



653B4F

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.



7E5057



3B6551



675676

Square

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



3B6551



35617C



775168



72583D

Rectangle

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



3B6551



23656D



775168



7E514C

Sweetspot

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



3B6551



72827B



4F653B



39423E



C2C2C2



424242

Same Dimension

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



3B6551



418263



3B6465



2E3331



00733C



00F27F

Inverse Universe

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



653B4F



824160



653C3B



332E30



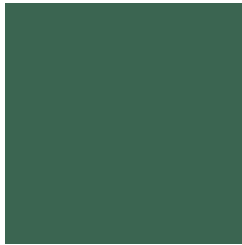
730037



F20073

Previews

White Background



This preview shows how the Hex color 3B6551 looks on a white background.

Color Contrast Check

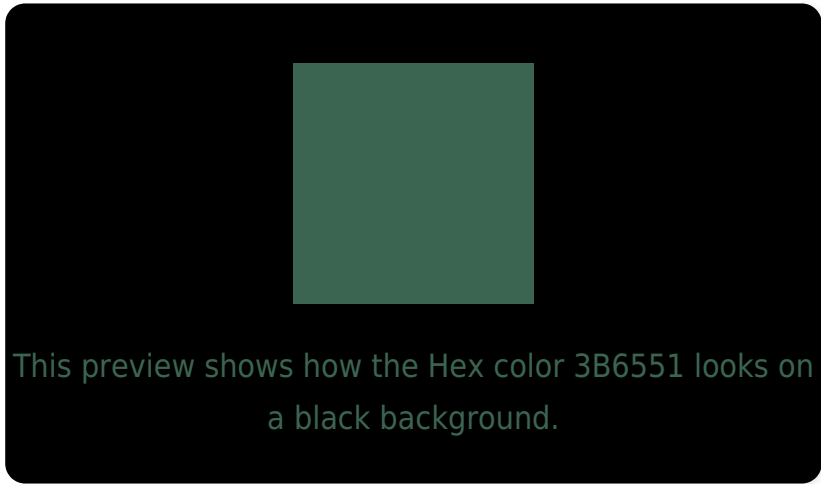
Large Text (above 18pt) WCAG AA ✓ Pass

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

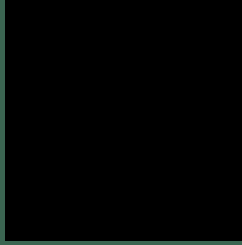
Any Text WCAG AA × Fail

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 3B6551 Background



This preview shows how black text looks on a background with the Hex color 3B6551.



This preview shows how white text looks on a background with the Hex color 3B6551.

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
3B6551

Protanopia
615C4D

Deuteranopia
685954



Tritanopia
41626A

Trichromacy



Original Color
3B6551

Protanomaly
535F4E

Deuteranomaly
585D53

Tritanomaly
3F6361

Monochromacy



Original Color
3B6551

Achromatopsia
565656

Achromatomaly
4C5B54

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6551 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 #3B6551 looks like.

```
.text, #text, p{  
    color:#3B6551  
}
```

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 #3B6551 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6551
}
```

Border

The CSS property to change the border of an element to Hex 3B6551 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
#3B6551 }
```

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

```
.border{ border-color:#3B6551 }
```

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

Here you see how a box with a 4 pixel #3B6551 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6551; -webkit-box-shadow:4px 4px  
4px 4px #3B6551; box-shadow:4px 4px 4px  
4px #3B6551 }
```

Background

The CSS property to change the background color of an element to Hex 3B6551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6551 }
```

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

```
.background{ background-color:#3B6551 }
```

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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