

# Converting Colors

Hex(3B6142)

Have a look what the booklet for  
Hex(3B6142) contains.

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**Color**

**Hex(3B6142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B6142
RGB	59, 97, 66
RGB Percent	23%, 38%, 26%
CMY	0.7686, 0.6196, 0.7412
CMYK	0.39, 0.00, 0.32, 0.62
HSL	131°, 24%, 31%
HSV	131°, 39%, 38%
XYZ	7.0617, 9.8725, 6.6877
YIQ	82.1040, -12.6970, -17.6970

# Conversions

## Conversions Part 2

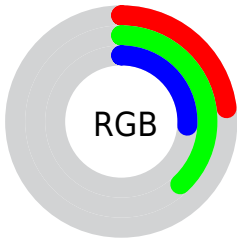
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 91, 97
Decimal	3891522
CIELab	37.61, -20.89, 13.53
CIELCh	38, 24.888, 147.082
Yxy	9.8725, 0.2989, 0.4179
Android (android.graphics.Color)	4282081602 (0xFF3B6142)
YUV	82.1040, -7.9393, -20.2622
Hunter-Lab	31.4206, -14.8687, 9.3750

# Details

The Hex color **3B6142** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **613B5A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6C9472**, and **0C3217** is the 20% darker color. If you saturate the color by 10%, you get **31613A**, and if you desaturate by 10%, it is **45614A**.

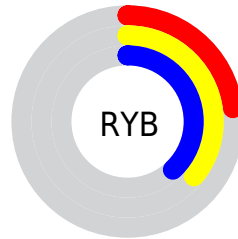
# Distribution



Red (23%)

Green (38%)

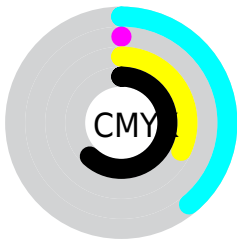
Blue (26%)



Red (23%)

Yellow (36%)

Blue (38%)

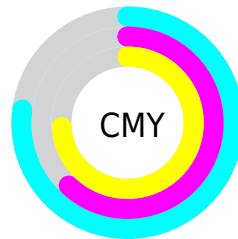


Cyan (39%)

Magenta (0%)

Yellow (32%)

Black (62%)



Cyan (77%)

Magenta (62%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B6142 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 3B6142 by changing the saturation by 10% instead.





3B6142



3B6142

FFFFFF



24492C



6C9472



0C3217



86AF8C



001E00



A0CAA6



000000



BCE6C1



D8FFDD



F4FFFA



3B6142



3B6142



31613A



45614A

■ 286132

■ 4E6152

■ 1E612A

■ 58615A

■ 146122

■ 626162

■ 0A611A

■ 6C616A

■ 016113

■ 756171

■ 006112

■ 7F6179

■ 896181

■ 926189

# Harmonies

## Analogous

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



535D34



3B6142



1E6356

# Triad

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



3B6142



375B80



7F4A47

# Complementary

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



3B6142



613B5A

# 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.



7D495B



3B6142



58547C

# Square

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



3B6142



0B607A



704D6F



775037

# Rectangle

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



3B6142



016364



704D6F



80494E



# Sweetspot

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



3B6142



6E7D71



5A613B



374038



BFBFBF



404040



# Same Dimension

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



3B6142



427D4D



3B6155



2C302C



007015



00F02C



# Inverse Universe

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



613B5A



7D4272



613B47



302C30



70005C

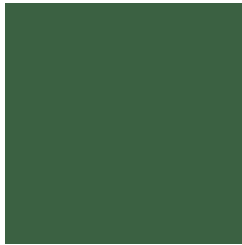


F000C4



# Previews

## White Background



This preview shows how the Hex color 3B6142 looks on a white background.

## Color Contrast Check

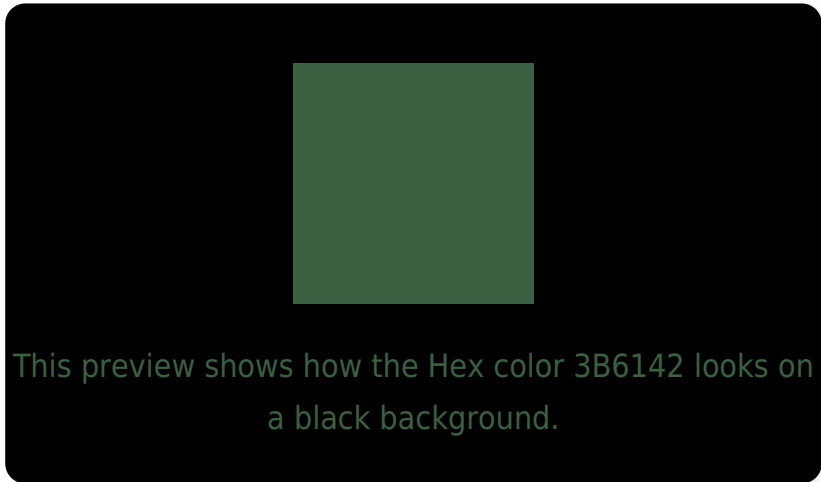
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

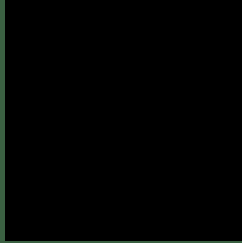
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3B6142 Background



This preview shows how black text looks on a background with the Hex color 3B6142.



This preview shows how white text looks on a background with the Hex color 3B6142.

# 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**  
3B6142

**Protanopia**  
5F583E

**Deuteranopia**  
675545



**Tritanopia**  
425D64

# Trichromacy



**Original Color**  
3B6142

**Protanomaly**  
525B3F

**Deuteranomaly**  
575944

**Tritanomaly**  
3F5E58

# Monochromacy



**Original Color**  
3B6142

**Achromatopsia**  
525252

**Achromatomaly**  
4A574C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B6142 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 #3B6142 looks like.

```
.text, #text, p{  
    color:#3B6142  
}
```

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 #3B6142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6142
}
```

## Border

The CSS property to change the border of an element to Hex 3B6142 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
#3B6142 }
```

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

```
.border{ border-color:#3B6142 }
```

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

Here you see how a box with a 4 pixel #3B6142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6142; -webkit-box-shadow:4px 4px  
4px 4px #3B6142; box-shadow:4px 4px 4px  
4px #3B6142 }
```

# Background

The CSS property to change the background color of an element to Hex 3B6142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6142 }
```

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

```
.background{ background-color:#3B6142 }
```

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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