

Converting Colors

Hex(3C6B55)

Have a look what the booklet for
Hex(3C6B55) contains.

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Color

Hex(3C6B55)

Conversions

Conversions Part 1

Format	Color
Hex	3C6B55
RGB	60, 107, 85
RGB Percent	24%, 42%, 33%
CMY	0.7647, 0.5804, 0.6667
CMYK	0.44, 0.00, 0.21, 0.58
HSL	152°, 28%, 33%
HSV	152°, 44%, 42%
XYZ	8.7609, 12.1319, 10.4743
YIQ	90.4390, -20.9500, -16.8060

Conversions

Conversions Part 2

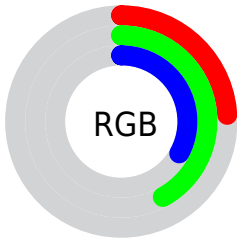
Format	Color
RYB	60, 91, 107
Decimal	3959637
CIELab	41.43, -21.66, 7.37
CIELCh	41, 22.881, 161.213
Yxy	12.1319, 0.2793, 0.3868
Android (android.graphics.Color)	4282149717 (0xFF3C6B55)
YUV	90.4390, -2.6814, -26.6950
Hunter-Lab	34.8309, -16.0568, 6.5521

Details

The Hex color **3C6B55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B3C52**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6E9F87**, and **093B28** is the 20% darker color. If you saturate the color by 10%, you get **316B50**, and if you desaturate by 10%, it is **476B5A**.

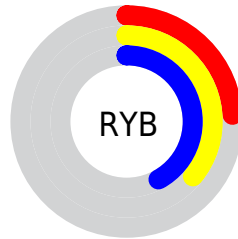
Distribution



Red (24%)

Green (42%)

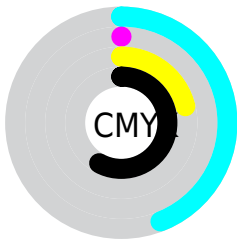
Blue (33%)



Red (24%)

Yellow (36%)

Blue (42%)

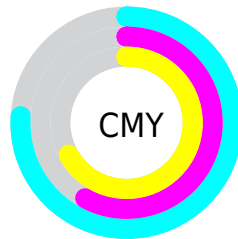


Cyan (44%)

Magenta (0%)

Yellow (21%)

Black (58%)



Cyan (76%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6B55 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 3C6B55 by changing the saturation by 10% instead.



3C6B55



3C6B55

FFFFFF



24533E



6E9F87



093B28



88BAA1



002514



A3D6BC



000A00



BEF2D8



000000



DAFFF4



F7FFFF



3C6B55



3C6B55



316B50



476B5A

■ 276B4B

■ 516B5F

■ 1C6B46

■ 5C6B64

■ 116B41

■ 676B69

■ 066B3C

■ 726B6E

■ 006B39

■ 7C6B73

■ 876B78

■ 926B7D

■ 9C6B82

Harmonies

Analogous

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



536845



3C6B55



266C68

Triad

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



3C6B55



536186



84574A

Complementary

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



3C6B55



6B3C52

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.



87535B



3C6B55



6D5A7E

Square

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



3C6B55



356785



7F556E



795C3E

Rectangle

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



3C6B55



1E6B75



7F556E



86554F

Sweetspot

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



3C6B55



7A8C84



536B3C



3C4742



C7C7C7



474747

Same Dimension

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



3C6B55



428C69



3C6A6B



303633



00753E



00F582

Inverse Universe

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



6B3C52



8C4265



6B3D3C



363033



750037



F50073

Previews

White Background



This preview shows how the Hex color 3C6B55 looks on a white background.

Color Contrast Check

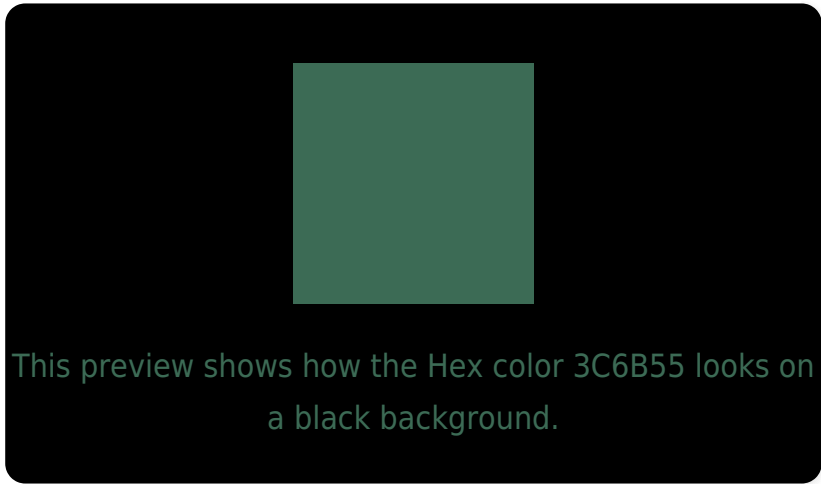
Large Text (above 18pt) WCAG AA ✓ Pass

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

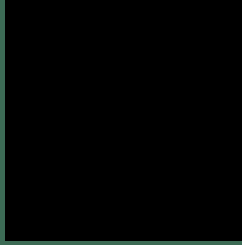
Any Text WCAG AA × Fail

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 3C6B55 Background



This preview shows how black text looks on a background with the Hex color 3C6B55.



This preview shows how white text looks on a background with the Hex color 3C6B55.

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
3C6B55

Protanopia
676150

Deuteranopia
6E5E58



Tritanopia
436770

Trichromacy



Original Color

3C6B55

Protanomaly

576552

Deuteranomaly

5C6357

Tritanomaly

406866

Monochromacy



Original Color

3C6B55

Achromatopsia

5A5A5A

Achromatomaly

4F6058

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6B55 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 #3C6B55 looks like.

```
.text, #text, p{  
    color:#3C6B55  
}
```

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 #3C6B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6B55  
}
```

Border

The CSS property to change the border of an element to Hex 3C6B55 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  
#3C6B55 }
```

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

```
.border{ border-color:#3C6B55 }
```

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

Here you see how a box with a 4 pixel #3C6B55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6B55; -webkit-box-shadow:4px 4px  
4px 4px #3C6B55; box-shadow:4px 4px 4px  
4px #3C6B55 }
```

Background

The CSS property to change the background color of an element to Hex 3C6B55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6B55 }
```

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

```
.background{ background-color:#3C6B55 }
```

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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