

Converting Colors

Hex(3D6B55)

Have a look what the booklet for
Hex(3D6B55) contains.

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Color

Hex(3D6B55)

Conversions

Conversions Part 1

Format	Color
Hex	3D6B55
RGB	61, 107, 85
RGB Percent	24%, 42%, 33%
CMY	0.7608, 0.5804, 0.6667
CMYK	0.43, 0.00, 0.21, 0.58
HSL	151°, 27%, 33%
HSV	151°, 43%, 42%
XYZ	8.8219, 12.1634, 10.4771
YIQ	90.7380, -20.3540, -16.5940

Conversions

Conversions Part 2

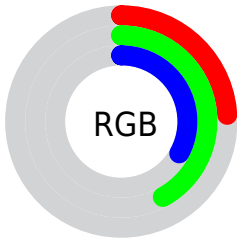
Format	Color
R_{YB}	61, 91, 107
Decimal	4025173
CIE _{Lab}	41.47, -21.35, 7.45
CIE _{LCh}	41, 22.613, 160.776
Yxy	12.1634, 0.2804, 0.3866
Android (android.graphics.Color)	4282215253 (0xFF3D6B55)
YUV	90.7380, -2.8288, -26.0802
Hunter-Lab	34.8760, -15.8816, 6.6019

Details

The Hex color **3D6B55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B3D53**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6F9F87**, and **0B3B28** is the 20% darker color. If you saturate the color by 10%, you get **326B50**, and if you desaturate by 10%, it is **486B5A**.

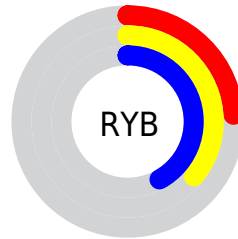
Distribution



Red (24%)

Green (42%)

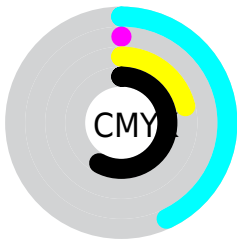
Blue (33%)



Red (24%)

Yellow (36%)

Blue (42%)

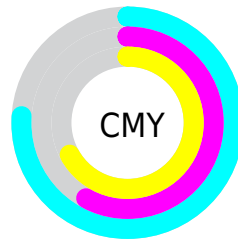


Cyan (43%)

Magenta (0%)

Yellow (21%)

Black (58%)



Cyan (76%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6B55 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 3D6B55 by changing the saturation by 10% instead.

 3D6B55

 3D6B55

FFFFFF

 25533E

 6F9F87

 0B3B28

 89BAA1

 002514

 A4D6BC

 000A00

 BFF2D8

 000000

 DBFFF4

 F8FFFF

 3D6B55

 3D6B55

 326B50

 486B5A

 286B4B

 526B5F

 1D6B46

 5D6B64

 126B41

 686B69

 076B3B

 736B6F

 006B38

 7D6B74

 886B79

 936B7E

 9D6B83

Harmonies

Analogous

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



536845



3D6B55



286C68

Triad

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



3D6B55



536186



84574A

Complementary

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



3D6B55



6B3D53

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.



86545C



3D6B55



6D5B7E

Square

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



3D6B55



366784



7F556E



795D3F

Rectangle

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



3D6B55



206B74



7F556E



865550

Sweetspot

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



3D6B55



7A8C84



536B3D



3C4742



C7C7C7



474747

Same Dimension

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



3D6B55



438C69



3D6A6B



303633



00753D



00F580

Inverse Universe

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



6B3D53



8C4366



6B3E3D



363033



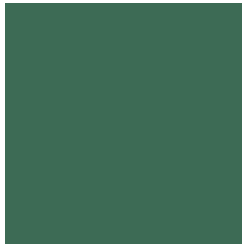
750038



F50075

Previews

White Background



This preview shows how the Hex color 3D6B55 looks on a white background.

Color Contrast Check

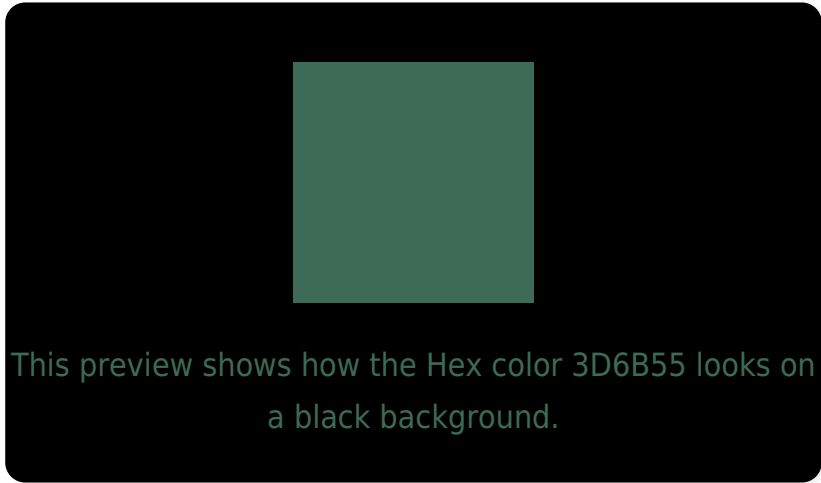
Large Text (above 18pt) WCAG AA ✓ Pass

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

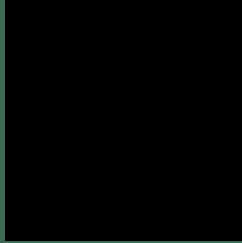
Any Text WCAG AA × Fail

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 3D6B55 Background



This preview shows how black text looks on a background with the Hex color 3D6B55.



This preview shows how white text looks on a background with the Hex color 3D6B55.

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
3D6B55

Protanopia
676150

Deuteranopia
6E5E58



Tritanopia
446770

Trichromacy



Original Color
3D6B55

Protanomaly
586552

Deuteranomaly
5C6357

Tritanomaly
416866

Monochromacy



Original Color
3D6B55

Achromatopsia
5B5B5B

Achromatomaly
506159

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6B55 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 #3D6B55 looks like.

```
.text, #text, p{  
    color:#3D6B55  
}
```

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 #3D6B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6B55
}
```

Border

The CSS property to change the border of an element to Hex 3D6B55 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
#3D6B55 }
```

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

```
.border{ border-color:#3D6B55 }
```

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

Here you see how a box with a 4 pixel #3D6B55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6B55; -webkit-box-shadow:4px 4px  
4px 4px #3D6B55; box-shadow:4px 4px 4px  
4px #3D6B55 }
```

Background

The CSS property to change the background color of an element to Hex 3D6B55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6B55 }
```

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

```
.background{ background-color:#3D6B55 }
```

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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