

# Converting Colors

Hex(3D6D54)

Have a look what the booklet for  
Hex(3D6D54) contains.

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# Color

**Hex(3D6D54)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D6D54
RGB	61, 109, 84
RGB Percent	24%, 43%, 33%
CMY	0.7608, 0.5725, 0.6706
CMYK	0.44, 0.00, 0.23, 0.57
HSL	149°, 28%, 33%
HSV	149°, 44%, 43%
XYZ	8.9933, 12.5695, 10.3397
YIQ	91.7980, -20.5830, -17.9510

# Conversions

## Conversions Part 2

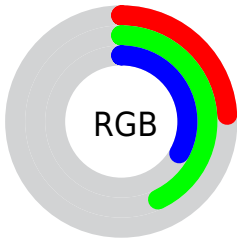
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 93, 109
Decimal	4025684
CIELab	42.11, -22.62, 8.94
CIELCh	42, 24.324, 158.438
Yxy	12.5695, 0.2819, 0.3940
Android (android.graphics.Color)	4282215764 (0xFF3D6D54)
YUV	91.7980, -3.8444, -27.0098
Hunter-Lab	35.4535, -16.7641, 7.5261

# Details

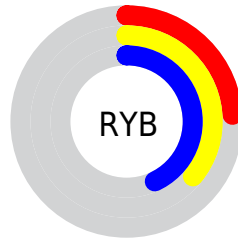
The Hex color **3D6D54** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D3D56**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6FA186**, and **0A3D27** is the 20% darker color. If you saturate the color by 10%, you get **326D4E**, and if you desaturate by 10%, it is **486D5A**.

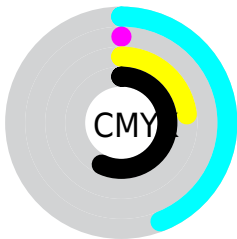
# Distribution



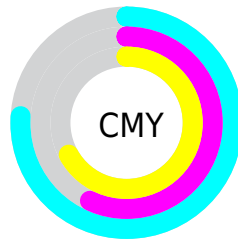
- Red (24%)
- Green (43%)
- Blue (33%)



- Red (24%)
- Yellow (36%)
- Blue (43%)



- Cyan (44%)
- Magenta (0%)
- Yellow (23%)
- Black (57%)



- Cyan (76%)
- Magenta (57%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D6D54 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 3D6D54 by changing the saturation by 10% instead.



 3D6D54

 3D6D54

FFFFFF

 25543D

 6FA186

 0A3D27

 89BCA0

 002713

 A4D8BB

 000E00

 BFF4D6

 000000

 DCFF3

 F8FFFF

 3D6D54

 3D6D54

 326D4E

 486D5A

■ 276D49

■ 536D5F

■ 1C6D43

■ 5E6D65

■ 116D3D

■ 696D6B

■ 066D38

■ 736D70

■ 006D34

■ 7E6D76

■ 896D7C

■ 946D81

■ 9F6D87

# Harmonies

## Analogous

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



556A43



3D6D54



236E69

# Triad

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



3D6D54



50638B



88574B

# Complementary

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



3D6D54



6D3D56

# 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.



8A545E



3D6D54



6D5C83

# Square

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



3D6D54



2F6988



815673



7D5D3E

# Rectangle

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



3D6D54



166E76



815673



8A5551



# Sweetspot

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



3D6D54



7C8F85



576D3D



3C4741



C7C7C7



474747



# Same Dimension

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



3D6D54



438F67



3D6D6B



303633



007538



00F575



# Inverse Universe

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



6D3D56



8F436B



6D3D3F



363033



75003D



F50080



# Previews

## White Background



This preview shows how the Hex color 3D6D54 looks on a white background.

## Color Contrast Check

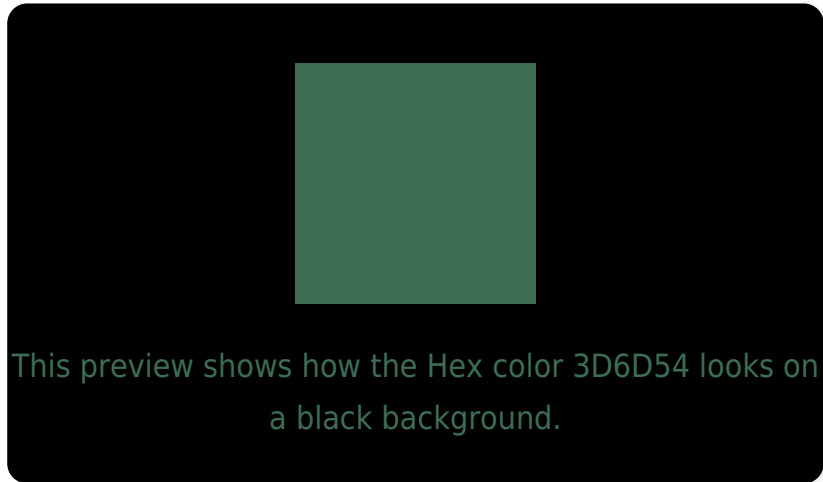
Large Text (above 18pt) WCAG AA ✓ Pass

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

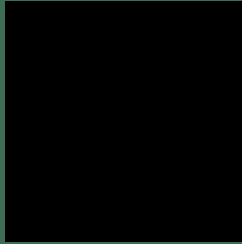
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D6D54 Background



This preview shows how black text looks on a background with the Hex color 3D6D54.



This preview shows how white text looks on a background with the Hex color 3D6D54.

# 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**  
3D6D54

**Protanopia**  
69634F

**Deuteranopia**  
715F57



**Tritanopia**  
446972

# Trichromacy



**Original Color**  
3D6D54

**Protanomaly**  
596751

**Deuteranomaly**  
5E6456

**Tritanomaly**  
416A67

# Monochromacy



**Original Color**  
3D6D54

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
516259

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D6D54 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 #3D6D54 looks like.

```
.text, #text, p{  
    color:#3D6D54  
}
```

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 #3D6D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6D54
}
```

## Border

The CSS property to change the border of an element to Hex 3D6D54 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
#3D6D54 }
```

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

```
.border{ border-color:#3D6D54 }
```

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

Here you see how a box with a 4 pixel #3D6D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6D54; -webkit-box-shadow:4px 4px  
4px 4px #3D6D54; box-shadow:4px 4px 4px  
4px #3D6D54 }
```

# Background

The CSS property to change the background color of an element to Hex 3D6D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6D54 }
```

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

```
.background{ background-color:#3D6D54 }
```

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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