

Converting Colors

Hex(3D6A40)

Have a look what the booklet for
Hex(3D6A40) contains.

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Color

Hex(3D6A40)

Conversions

Conversions Part 1

Format	Color
Hex	3D6A40
RGB	61, 106, 64
RGB Percent	24%, 42%, 25%
CMY	0.7608, 0.5843, 0.7490
CMYK	0.42, 0.00, 0.40, 0.58
HSL	124°, 27%, 33%
HSV	124°, 42%, 42%
XYZ	8.0039, 11.6703, 6.6812
YIQ	87.7570, -13.3380, -22.6020

Conversions

Conversions Part 2

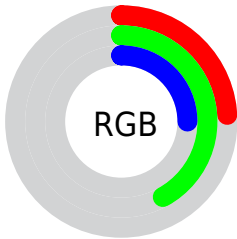
Format	Color
RYB	61, 103, 106
Decimal	4024896
CIELab	40.69, -25.18, 18.85
CIELCh	41, 31.458, 143.183
Yxy	11.6703, 0.3037, 0.4428
Android (android.graphics.Color)	4282214976 (0xFF3D6A40)
YUV	87.7570, -11.7122, -23.4659
Hunter-Lab	34.1619, -17.9618, 12.3176

Details


The Hex color **3D6A40** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6A3D67**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6F9E70**, and **0B3A14** is the 20% darker color. If you saturate the color by 10%, you get **326A36**, and if you desaturate by 10%, it is **486A4A**.

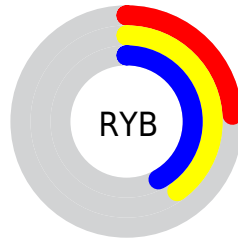
Distribution



 Red (24%)

 Green (42%)

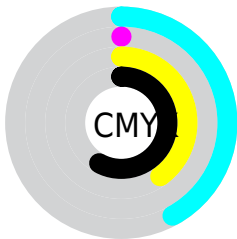
 Blue (25%)



 Red (24%)

 Yellow (40%)

 Blue (42%)

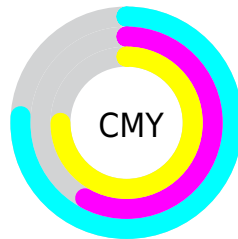


 Cyan (42%)


 Magenta (0%)

 Yellow (40%)

 Black (58%)



 Cyan (76%)

 Magenta (58%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6A40 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 3D6A40 by changing the saturation by 10% instead.

 3D6A40

 3D6A40

FFFFFF

 25522A

 6F9E70

 0B3A14

 89B98A

 002400

 A4D5A4

 000500

 BFF1BF

 000000

 DBFFDB

 F8FFF8

 3D6A40

 3D6A40

 326A36

 486A4A

■ 286A2C

■ 526A54

■ 1D6A22

■ 5D6A5E

■ 136A18

■ 676A68

■ 086A0F

■ 726A71

■ 006A07

■ 7D6A7B

■ 876A85

■ 926A8F

■ 9C6A99

Harmonies

Analogous

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



5C652F



3D6A40



096D59

Triad

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



3D6A40



256493



914C4D

Complementary

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



3D6A40



6A3D67

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.



8D4B67



3D6A40



595B8F

Square

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



3D6A40



006A89



7A527F



875337

Rectangle

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



3D6A40



006D6B



7A527F



914B55

Sweetspot

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



3D6A40



788A79



676A3D



3A453B



C4C4C4



454545

Same Dimension

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



3D6A40



438A48



3D6A56



303631



007508



00F510

Inverse Universe

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



6A3D67



8A4385



6A3D51



363035



75006D



F500E4

Previews

White Background



This preview shows how the Hex color 3D6A40 looks on a white background.

Color Contrast Check

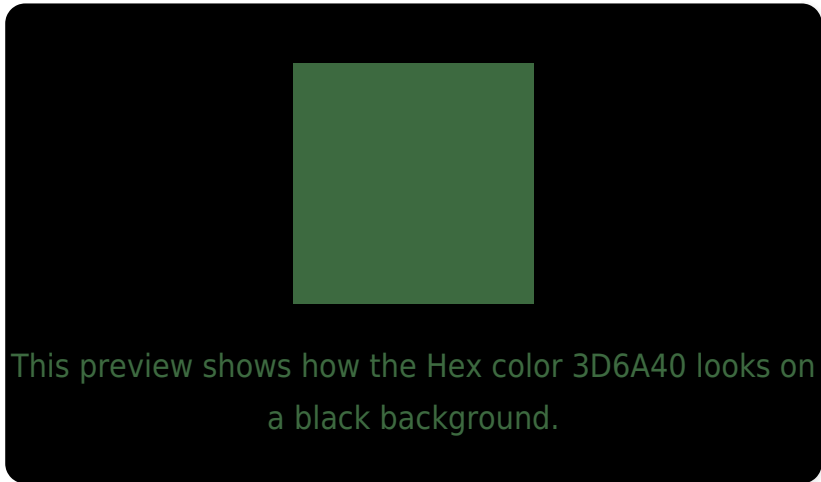
Large Text (above 18pt) WCAG AA ✓ Pass

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

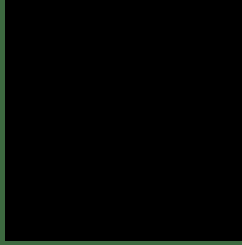
Any Text WCAG AA × Fail

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 3D6A40 Background



This preview shows how black text looks on a background with the Hex color 3D6A40.



This preview shows how white text looks on a background with the Hex color 3D6A40.

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
3D6A40

Protanopia
68603C

Deuteranopia
725B43



Tritanopia
46656D

Trichromacy



Original Color
3D6A40

Protanomaly
58643D

Deuteranomaly
5F6042

Tritanomaly
43675D

Monochromacy



Original Color
3D6A40

Achromatopsia
585858

Achromatomaly
4E5F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6A40 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 #3D6A40 looks like.

```
.text, #text, p{  
    color:#3D6A40  
}
```

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 #3D6A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6A40
}
```

Border

The CSS property to change the border of an element to Hex 3D6A40 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
#3D6A40 }
```

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

```
.border{ border-color:#3D6A40 }
```

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

Here you see how a box with a 4 pixel #3D6A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6A40; -webkit-box-shadow:4px 4px  
4px 4px #3D6A40; box-shadow:4px 4px 4px  
4px #3D6A40 }
```

Background

The CSS property to change the background color of an element to Hex 3D6A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6A40 }
```

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

```
.background{ background-color:#3D6A40 }
```

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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