

Converting Colors

Hex(3D6E3D)

Have a look what the booklet for
Hex(3D6E3D) contains.

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Color

Hex(3D6E3D)

Conversions

Conversions Part 1

Format	Color
Hex	3D6E3D
RGB	61, 110, 61
RGB Percent	24%, 43%, 24%
CMY	0.7608, 0.5686, 0.7608
CMYK	0.45, 0.00, 0.45, 0.57
HSL	120°, 29%, 34%
HSV	120°, 45%, 43%
XYZ	8.3427, 12.4809, 6.3842
YIQ	89.7630, -13.4750, -25.6270

Conversions

Conversions Part 2

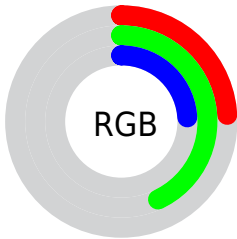
Format	Color
RYB	61, 110, 110
Decimal	4025917
CIELab	41.97, -27.66, 22.25
CIElCh	42, 35.502, 141.190
Yxy	12.4809, 0.3066, 0.4587
Android (android.graphics.Color)	4282215997 (0xFF3D6E3D)
YUV	89.7630, -14.1802, -25.2252
Hunter-Lab	35.3283, -19.6721, 14.0154

Details

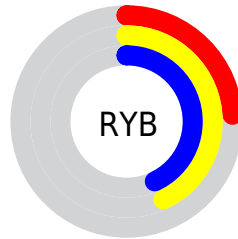
The Hex color **3D6E3D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E3D6E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6FA26D**, and **093E11** is the 20% darker color. If you saturate the color by 10%, you get **326E32**, and if you desaturate by 10%, it is **486E48**.

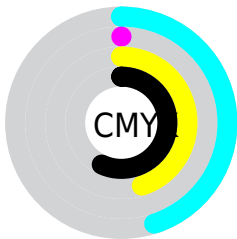
Distribution



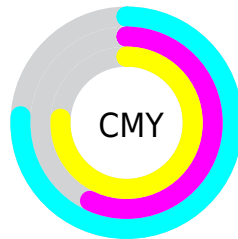
- Red (24%)
- Green (43%)
- Blue (24%)



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



- Cyan (45%)
- Magenta (0%)
- Yellow (45%)
- Black (57%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6E3D 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 3D6E3D by changing the saturation by 10% instead.

■ 3D6E3D

■ 3D6E3D

FFFFFF

■ 245526

■ 6FA26D

■ 093E11

■ 8ABD87

■ 002700

■ A5D9A1

■ 000D00

■ C0F6BC

■ 000000

■ DCFFD8

■ F9FFF5

■ 3D6E3D

■ 3D6E3D

■ 326E32

■ 486E48

■ 276E27

■ 536E53

■ 1C6E1C

■ 5E6E5E

■ 116E11

■ 696E69

■ 066E06

■ 746E74

■ 006E00

■ 7F6E7F

■ 8A6E8A

■ 956E95

■ A06EA0

Harmonies

Analogous

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



60682A



3D6E3D



007159

Triad

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



3D6E3D



03699D



9A4B50

Complementary

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



3D6E3D



6E3D6E

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.



954B6D



3D6E3D



575F9A

Square

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



3D6E3D



006F90



7F5388



905436

Rectangle

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



3D6E3D



00726D



7F5388



9A4A59

Sweetspot

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



3D6E3D



7C8F7C



6E6E3D



3C473C



C7C7C7



474747

Same Dimension

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



3D6E3D



438F43



3D6E56



323832



007800



00F700

Inverse Universe

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



6E3D6E



8F438F



6E3D56



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 3D6E3D looks on a white background.

Color Contrast Check

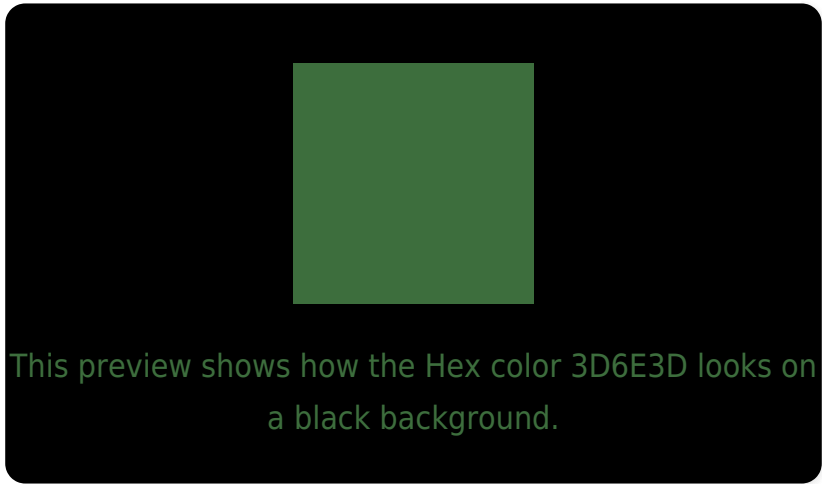
Large Text (above 18pt) WCAG AA ✓ Pass

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

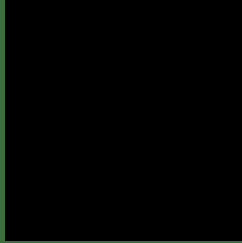
Any Text WCAG AA × Fail

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 3D6E3D Background



This preview shows how black text looks on a background with the Hex color 3D6E3D.



This preview shows how white text looks on a background with the Hex color 3D6E3D.

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
3D6E3D

Protanopia
6C6339

Deuteranopia
765E41



Tritanopia
486870

Trichromacy



Original Color
3D6E3D

Protanomaly
5B673A

Deuteranomaly
616440

Tritanomaly
446A5D

Monochromacy



Original Color
3D6E3D

Achromatopsia
5A5A5A

Achromatomaly
4F614F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6E3D 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 #3D6E3D looks like.

```
.text, #text, p{  
    color:#3D6E3D  
}
```

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 #3D6E3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6E3D
}
```

Border

The CSS property to change the border of an element to Hex 3D6E3D 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
#3D6E3D }
```

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

```
.border{ border-color:#3D6E3D }
```

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

Here you see how a box with a 4 pixel #3D6E3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6E3D; -webkit-box-shadow:4px 4px  
4px 4px #3D6E3D; box-shadow:4px 4px 4px  
4px #3D6E3D }
```

Background

The CSS property to change the background color of an element to Hex 3D6E3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6E3D }
```

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

```
.background{ background-color:#3D6E3D }
```

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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