

Converting Colors

Hex(3D6951)

Have a look what the booklet for
Hex(3D6951) contains.

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Color

Hex(3D6951)

Conversions

Conversions Part 1

Format	Color
Hex	3D6951
RGB	61, 105, 81
RGB Percent	24%, 41%, 32%
CMY	0.7608, 0.5882, 0.6824
CMYK	0.42, 0.00, 0.23, 0.59
HSL	147°, 27%, 33%
HSV	147°, 42%, 41%
XYZ	8.4612, 11.6893, 9.5949
YIQ	89.1080, -18.5200, -16.7920

Conversions

Conversions Part 2

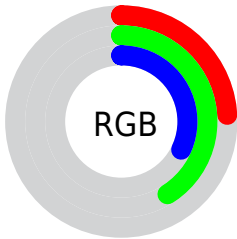
Format	Color
RYB	61, 91, 105
Decimal	4024657
CIELab	40.72, -21.22, 8.79
CIELCh	41, 22.967, 157.499
Yxy	11.6893, 0.2845, 0.3930
Android (android.graphics.Color)	4282214737 (0xFF3D6951)
YUV	89.1080, -3.9972, -24.6507
Hunter-Lab	34.1897, -15.6568, 7.2938

Details

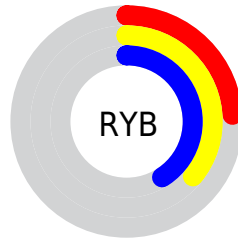
The Hex color **3D6951** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **693D55**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6F9D82**, and **0C3924** is the 20% darker color. If you saturate the color by 10%, you get **33694B**, and if you desaturate by 10%, it is **486957**.

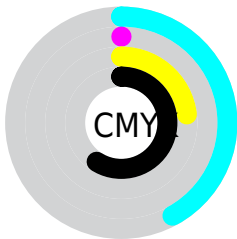
Distribution



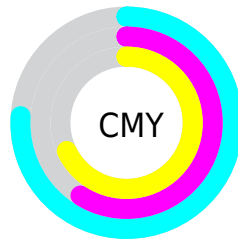
- Red (24%)
- Green (41%)
- Blue (32%)



- Red (24%)
- Yellow (36%)
- Blue (41%)



- Cyan (42%)
- Magenta (0%)
- Yellow (23%)
- Black (59%)



- Cyan (76%)
- Magenta (59%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6951 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 3D6951 by changing the saturation by 10% instead.

■ 3D6951

■ 3D6951

FFFFFF

■ 25513A

■ 6F9D82

■ 0C3924

■ 89B89C

■ 002410

■ A3D3B7

■ 000500

■ BFF0D3

■ 000000

■ DBFFE0

■ F8FFFF

■ 3D6951

■ 3D6951

■ 33694B

■ 486957

■ 286946

■ 52695C

■ 1E6940

■ 5D6962

■ 13693A

■ 676968

■ 096934

■ 72696E

■ 006930

■ 7C6973

■ 876979

■ 91697F

■ 9C6985

Harmonies

Analogous

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



546642



3D6951



266A64

Triad

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



3D6951



4D6085



83544A

Complementary

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



3D6951



693D55

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.



85525C



3D6951



68597E

Square

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



3D6951



2F6682



7C546F



795A3E

Rectangle

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



3D6951



1B6A71



7C546F



855350

Sweetspot

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



3D6951



788A80



55693D



3A453F



C4C4C4



454545

Same Dimension

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



3D6951



458A64



3D6967



303633



007535



00F56F

Inverse Universe

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



693D55



8A456A



693D3F



363033



750040



F50086

Previews

White Background



This preview shows how the Hex color 3D6951 looks on a white background.

Color Contrast Check

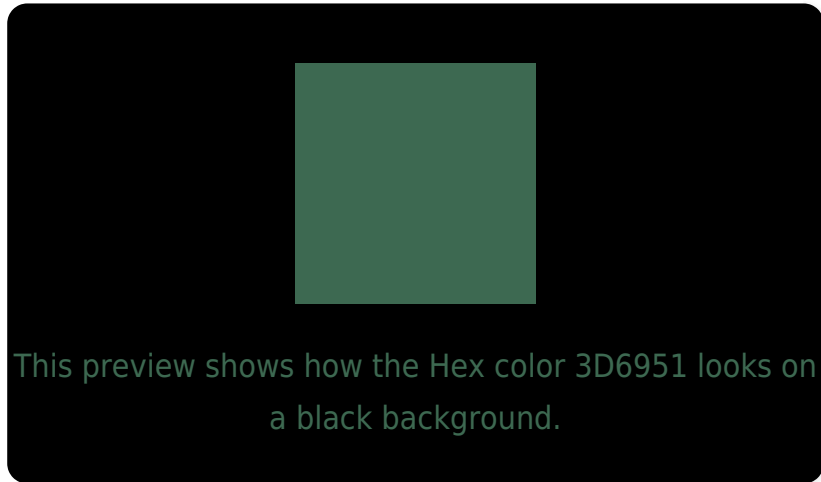
Large Text (above 18pt) WCAG AA ✓ Pass

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

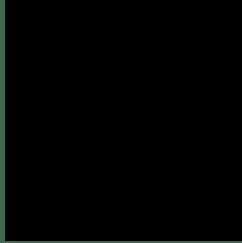
Any Text WCAG AA × Fail

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 3D6951 Background



This preview shows how black text looks on a background with the Hex color 3D6951.



This preview shows how white text looks on a background with the Hex color 3D6951.

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
3D6951

Protanopia
665F4C

Deuteranopia
6D5C54



Tritanopia
44656D

Trichromacy



Original Color
3D6951

Protanomaly
57634E

Deuteranomaly
5C6153

Tritanomaly
416663

Monochromacy



Original Color
3D6951

Achromatopsia
595959

Achromatomaly
4F5F56

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6951 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 #3D6951 looks like.

```
.text, #text, p{  
    color:#3D6951  
}
```

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 #3D6951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6951
}
```

Border

The CSS property to change the border of an element to Hex 3D6951 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
#3D6951 }
```

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

```
.border{ border-color:#3D6951 }
```

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

Here you see how a box with a 4 pixel #3D6951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6951; -webkit-box-shadow:4px 4px  
4px 4px #3D6951; box-shadow:4px 4px 4px  
4px #3D6951 }
```

Background

The CSS property to change the background color of an element to Hex 3D6951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6951 }
```

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

```
.background{ background-color:#3D6951 }
```

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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