

Converting Colors

Hex(3D6749)

Have a look what the booklet for
Hex(3D6749) contains.

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Color

Hex(3D6749)

Conversions

Conversions Part 1

Format	Color
Hex	3D6749
RGB	61, 103, 73
RGB Percent	24%, 40%, 29%
CMY	0.7608, 0.5961, 0.7137
CMYK	0.41, 0.00, 0.29, 0.60
HSL	137°, 26%, 32%
HSV	137°, 41%, 40%
XYZ	7.9773, 11.1736, 8.0396
YIQ	87.0220, -15.4020, -18.2340

Conversions

Conversions Part 2

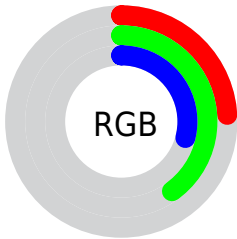
Format	Color
R _{YB}	61, 94, 103
Decimal	4024137
CIE Lab	39.87, -21.91, 12.42
CIE LCh	40, 25.188, 150.443
Yxy	11.1736, 0.2934, 0.4109
Android (android.graphics.Color)	4282214217 (0xFF3D6749)
YUV	87.0220, -6.9128, -22.8213
Hunter-Lab	33.4270, -15.8984, 9.1389

Details

The Hex color **3D6749** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **673D5B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6E9A7A**, and **0D381D** is the 20% darker color. If you saturate the color by 10%, you get **336742**, and if you desaturate by 10%, it is **476750**.

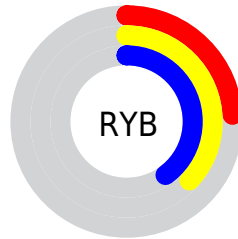
Distribution



 Red (24%)

 Green (40%)

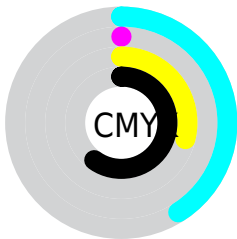
 Blue (29%)




 Red (24%)

 Yellow (37%)

 Blue (40%)

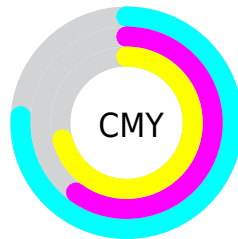


 Cyan (41%)

 Magenta (0%)

 Yellow (29%)

 Black (60%)



 Cyan (76%)

 Magenta (60%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6749 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 3D6749 by changing the saturation by 10% instead.



3D6749



3D6749

FFFFFF



254F32



6E9A7A



0D381D



88B594



002205



A3D1AE



000000



BEEDCA



DBFFE6



F7FFFF



3D6749



3D6749



336742



476750

■ 28673A

■ 526758

■ 1E6733

■ 5C675F

■ 14672C

■ 666766

■ 0A6724

■ 71676E

■ 00671D

■ 7B6775

■ 85677D

■ 8F6784

■ 9A678B

Harmonies

Analogous

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



56633A



3D6749



20695E

Triad

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



3D6749



406087



85504A

Complementary

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



3D6749



673D5B

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.



844E5E



3D6749



615981

Square

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



3D6749



196581



785173



7C563B

Rectangle

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



3D6749



06696C



785173



864E51

Sweetspot

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



3D6749



77877C



5B673D



3B453E



C4C4C4



454545

Same Dimension

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



3D6749



458758



3D675E



2E332F



007321



00F245

Inverse Universe

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



673D5B



874574



673D46



332E32



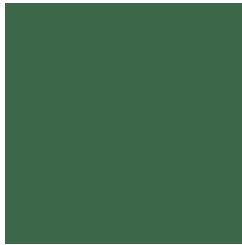
730052



F200AD

Previews

White Background



This preview shows how the Hex color 3D6749 looks on a white background.

Color Contrast Check

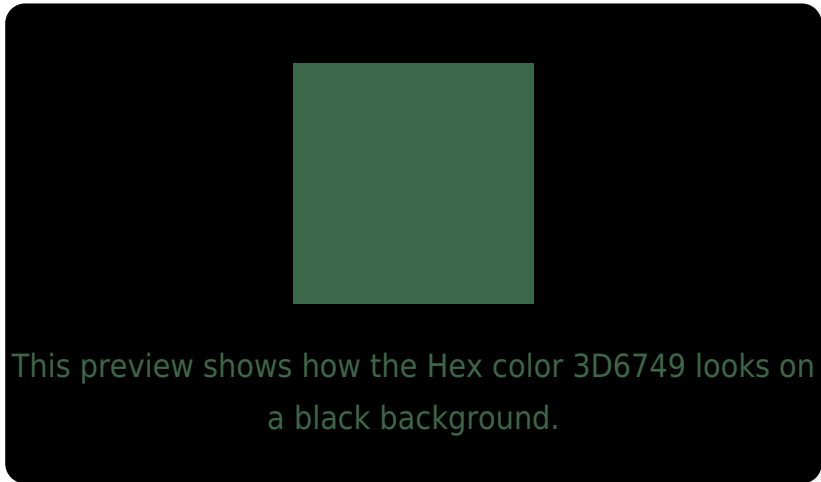
Large Text (above 18pt) WCAG AA ✓ Pass

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

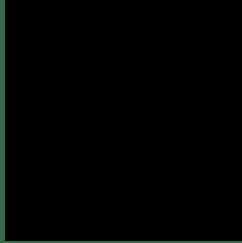
Any Text WCAG AA × Fail

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 3D6749 Background



This preview shows how black text looks on a background with the Hex color 3D6749.



This preview shows how white text looks on a background with the Hex color 3D6749.

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
3D6749

Protanopia
645D45

Deuteranopia
6D5A4C



Tritanopia
44636B

Trichromacy



Original Color
3D6749

Protanomaly
566146

Deuteranomaly
5C5F4B

Tritanomaly
41645F

Monochromacy



Original Color
3D6749

Achromatopsia
575757

Achromatomaly
4E5D52

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6749 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 #3D6749 looks like.

```
.text, #text, p{  
    color:#3D6749  
}
```

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 #3D6749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6749
}
```

Border

The CSS property to change the border of an element to Hex 3D6749 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
#3D6749 }
```

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

```
.border{ border-color:#3D6749 }
```

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

Here you see how a box with a 4 pixel #3D6749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6749; -webkit-box-shadow:4px 4px  
4px 4px #3D6749; box-shadow:4px 4px 4px  
4px #3D6749 }
```

Background

The CSS property to change the background color of an element to Hex 3D6749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6749 }
```

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

```
.background{ background-color:#3D6749 }
```

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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