

Converting Colors

Hex(3D6771)

Have a look what the booklet for
Hex(3D6771) contains.

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Color

Hex(3D6771)

Conversions

Conversions Part 1

Format	Color
Hex	3D6771
RGB	61, 103, 113
RGB Percent	24%, 40%, 44%
CMY	0.7608, 0.5961, 0.5569
CMYK	0.46, 0.09, 0.00, 0.56
HSL	192°, 30%, 34%
HSV	192°, 46%, 44%
XYZ	9.7554, 11.8848, 17.4026
YIQ	91.5820, -28.2420, -5.7940

Conversions

Conversions Part 2

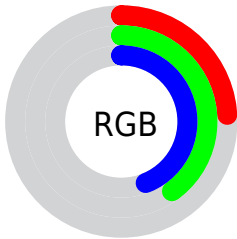
Format	Color
RYB	61, 84, 113
Decimal	4024177
CIELab	41.03, -11.73, -10.21
CIElCh	41, 15.547, 221.031
Yxy	11.8848, 0.2499, 0.3044
Android (android.graphics.Color)	4282214257 (0xFF3D6771)
YUV	91.5820, 10.5591, -26.8204
Hunter-Lab	34.4744, -9.8194, -5.7974

Details

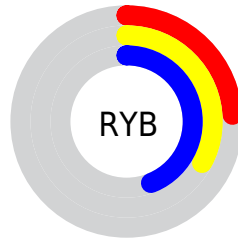
The Hex color **3D6771** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71473D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **709AA5**, and **073841** is the 20% darker color. If you saturate the color by 10%, you get **326571**, and if you desaturate by 10%, it is **486971**.

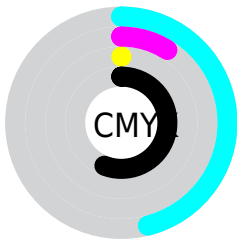
Distribution



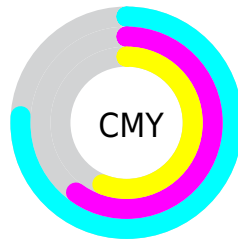
- Red (24%)
- Green (40%)
- Blue (44%)



- Red (24%)
- Yellow (33%)
- Blue (44%)



- Cyan (46%)
- Magenta (9%)
- Yellow (0%)
- Black (56%)



- Cyan (76%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6771 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 3D6771 by changing the saturation by 10% instead.



3D6771



3D6771

FFFFFF



244F59



709AA5



073841



8AB5C0



00222B



A5D1DC



000817



C1EDF8



000000



DDFFFF



FAFFFF



3D6771



3D6771



326571



486971

■ 266371

■ 546B71

■ 1B6071

■ 5F6E71

■ 105E71

■ 6A7071

■ 045C71

■ 767271

■ 005B71

■ 817471

■ 8C7671

■ 977871

■ A37B71

Harmonies

Analogous

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



3E6865



3D6771



476478

Triad

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



3D6771



755969



656148

Complementary

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



3D6771



71473D

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.



725D49



3D6771



7B585C

Square

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



3D6771



695C74



795951



57654D

Rectangle

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



3D6771



52627A



795951



6A6047

Sweetspot

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



3D6771



7F9094



3D7147



3D484A



C9C9C9



4A4A4A

Same Dimension

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



3D6771



438494



3D4D71



323738



006178



00C8F7

Inverse Universe

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



713D67



944384



71613D



383237



780061



F700C8

Previews

White Background



This preview shows how the Hex color 3D6771 looks on a white background.

Color Contrast Check

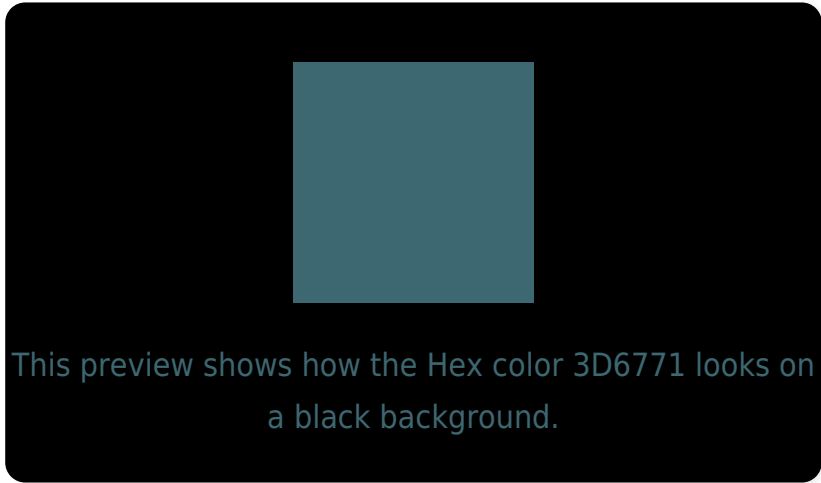
Large Text (above 18pt) WCAG AA ✓ Pass

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

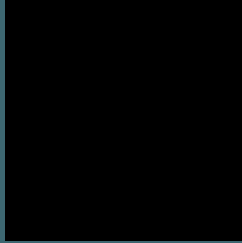
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

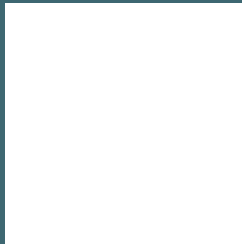
Any Text WCAG AAA × Fail

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

Hex 3D6771 Background



This preview shows how black text looks on a background with the Hex color 3D6771.

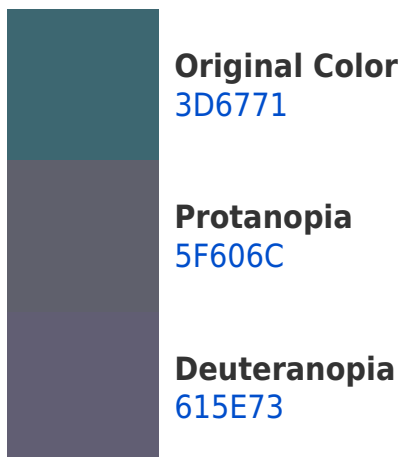


This preview shows how white text looks on a background with the Hex color 3D6771.

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](#).

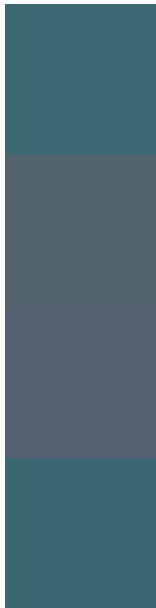
Dichromacy





Tritanopia
3D6770

Trichromacy



Original Color
3D6771

Protanomaly
53636E

Deuteranomaly
546172

Tritanomaly
3D6770

Monochromacy



Original Color
3D6771

Achromatopsia
5C5C5C

Achromatomaly
516064

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6771 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 #3D6771 looks like.

```
.text, #text, p{  
    color:#3D6771  
}
```

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 #3D6771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6771
}
```

Border

The CSS property to change the border of an element to Hex 3D6771 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
#3D6771 }
```

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

```
.border{ border-color:#3D6771 }
```

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

Here you see how a box with a 4 pixel #3D6771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6771; -webkit-box-shadow:4px 4px  
4px 4px #3D6771; box-shadow:4px 4px 4px  
4px #3D6771 }
```

Background

The CSS property to change the background color of an element to Hex 3D6771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6771 }
```

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

```
.background{ background-color:#3D6771 }
```

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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