

Converting Colors

Hex(3D6E71)

Have a look what the booklet for
Hex(3D6E71) contains.

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Color

Hex(3D6E71)

Conversions

Conversions Part 1

Format	Color
Hex	3D6E71
RGB	61, 110, 113
RGB Percent	24%, 43%, 44%
CMY	0.7608, 0.5686, 0.5569
CMYK	0.46, 0.03, 0.00, 0.56
HSL	183°, 30%, 34%
HSV	183°, 46%, 44%
XYZ	10.4810, 13.3362, 17.6445
YIQ	95.6910, -30.1670, -9.4550

Conversions

Conversions Part 2

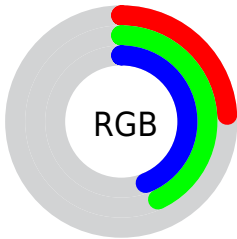
Format	Color
R_{YB}	61, 86, 113
Decimal	4025969
CIE _{Lab}	43.27, -15.69, -6.86
CIE _{LCh}	43, 17.120, 203.610
Yxy	13.3362, 0.2528, 0.3217
Android (android.graphics.Color)	4282216049 (0xFF3D6E71)
YUV	95.6910, 8.5333, -30.4240
Hunter-Lab	36.5188, -12.6777, -3.0836

Details

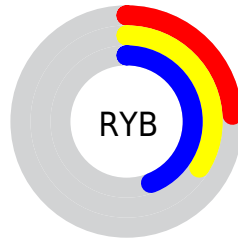
The Hex color **3D6E71** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71403D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **70A2A5**, and **053E41** is the 20% darker color. If you saturate the color by 10%, you get **326D71**, and if you desaturate by 10%, it is **486F71**.

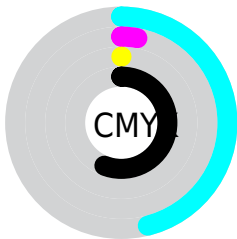
Distribution



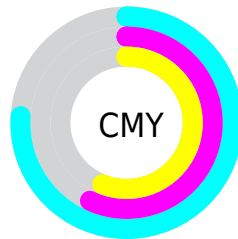
- Red (24%)
- Green (43%)
- Blue (44%)



- Red (24%)
- Yellow (34%)
- Blue (44%)



- Cyan (46%)
- Magenta (3%)
- Yellow (0%)
- Black (56%)



- Cyan (76%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6E71 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 3D6E71 by changing the saturation by 10% instead.



3D6E71



3D6E71

FFFFFF



235659



70A2A5



053E41



8BBDC0



00282B



A6D9DC



001417



C1F5F8



000000



DEFFFF



FBFFFF



3D6E71



3D6E71



326D71



486F71

■ 266D71

■ 546F71

■ 1B6C71

■ 5F7071

■ 106B71

■ 6A7171

■ 046B71

■ 767171

■ 006A71

■ 817271

■ 8C7371

■ 977371

■ A37471

Harmonies

Analogous

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



466E63



3D6E71



416C7D

Triad

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



3D6E71



765F77



74644A

Complementary

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



3D6E71



71403D

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.



7E6050



3D6E71



805C6A

Square

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



3D6E71



646480



835C5C



65694C

Rectangle

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



3D6E71



4B6A81



835C5C



78634B

Sweetspot

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



3D6E71



7F9394



3D7140



3D494A



C9C9C9



4A4A4A

Same Dimension

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



3D6E71



438F94



3D5471



323838



007178



00E9F7

Inverse Universe

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



713D6E



94438F



715A3D



383238



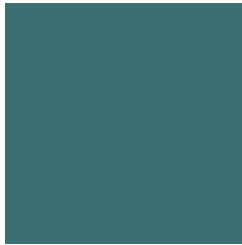
780071



F700E9

Previews

White Background



This preview shows how the Hex color 3D6E71 looks on a white background.

Color Contrast Check

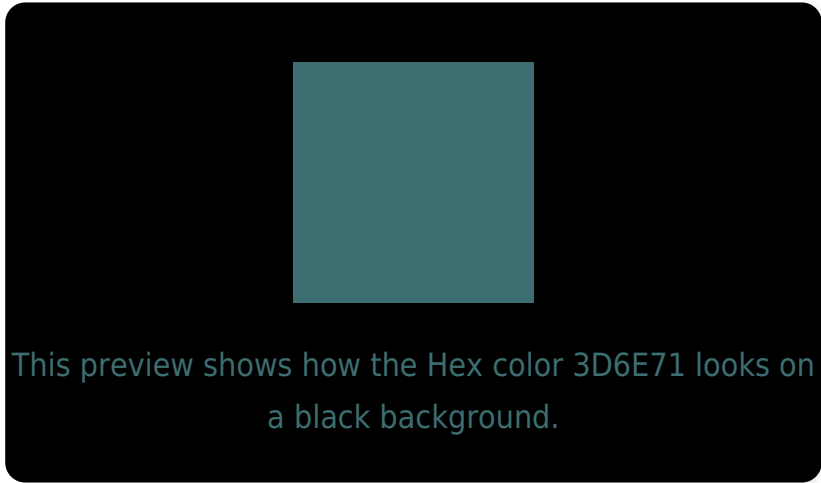
Large Text (above 18pt) WCAG AA ✓ Pass

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

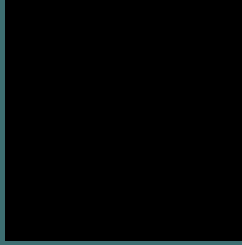
Any Text WCAG AA × Fail

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 3D6E71 Background



This preview shows how black text looks on a background with the Hex color 3D6E71.



This preview shows how white text looks on a background with the Hex color 3D6E71.

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
3D6E71

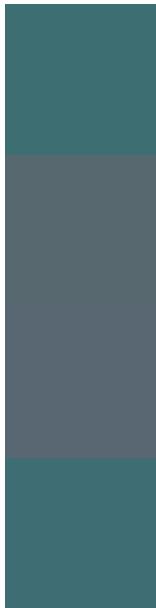
Protanopia
66656C

Deuteranopia
696373



Tritanopia
3F6D76

Trichromacy



Original Color
3D6E71

Protanomaly
57686E

Deuteranomaly
596772

Tritanomaly
3E6D74

Monochromacy



Original Color
3D6E71

Achromatopsia
606060

Achromatomaly
536566

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6E71 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 #3D6E71 looks like.

```
.text, #text, p{  
    color:#3D6E71  
}
```

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 #3D6E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6E71
}
```

Border

The CSS property to change the border of an element to Hex 3D6E71 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
#3D6E71 }
```

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

```
.border{ border-color:#3D6E71 }
```

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

Here you see how a box with a 4 pixel #3D6E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6E71; -webkit-box-shadow:4px 4px  
4px 4px #3D6E71; box-shadow:4px 4px 4px  
4px #3D6E71 }
```

Background

The CSS property to change the background color of an element to Hex 3D6E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6E71 }
```

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

```
.background{ background-color:#3D6E71 }
```

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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