

Converting Colors

Hex(3C6C71)

Have a look what the booklet for
Hex(3C6C71) contains.

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Color

Hex(3C6C71)

Conversions

Conversions Part 1

Format	Color
Hex	3C6C71
RGB	60, 108, 113
RGB Percent	24%, 42%, 44%
CMY	0.7647, 0.5765, 0.5569
CMYK	0.47, 0.04, 0.00, 0.56
HSL	186°, 31%, 34%
HSV	186°, 47%, 44%
XYZ	10.2067, 12.8780, 17.5705
YIQ	94.2180, -30.2130, -8.6210

Conversions

Conversions Part 2

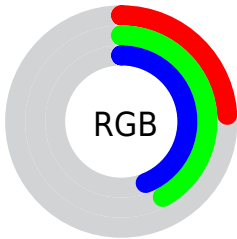
Format	Color
R_{YB}	60, 85, 113
Decimal	3959921
CIE _{Lab}	42.58, -14.84, -7.89
CIE _{LCh}	43, 16.804, 207.996
Yxy	12.8780, 0.2511, 0.3168
Android (android.graphics.Color)	4282150001 (0xFF3C6C71)
YUV	94.2180, 9.2595, -30.0092
Hunter-Lab	35.8860, -12.0316, -3.9095

Details

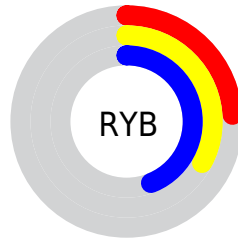
The Hex color **3C6C71** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71413C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6FA0A5**, and **043C41** is the 20% darker color. If you saturate the color by 10%, you get **316B71**, and if you desaturate by 10%, it is **476D71**.

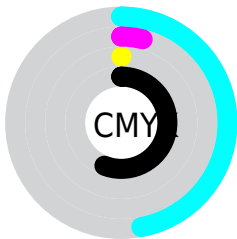
Distribution



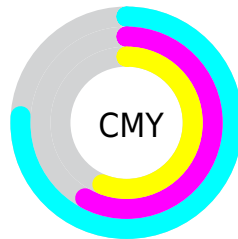
- Red (24%)
- Green (42%)
- Blue (44%)



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



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)
- Black (56%)



- Cyan (76%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6C71 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 3C6C71 by changing the saturation by 10% instead.



3C6C71



3C6C71

FFFFFF



225459



6FA0A5



043C41



89BBC0



00262B



A5D6DC



001117



C0F3F8



000000



DDFFFF



FAFFFF



3C6C71



3C6C71



316B71



476D71

■ 256A71

■ 536E71

■ 1A6971

■ 5E6F71

■ 0F6871

■ 697071

■ 036771

■ 747171

■ 006671

■ 807271

■ 8B7371

■ 967571

■ A27671

Harmonies

Analogous

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



436C63



3C6C71



426A7C

Triad

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



3C6C71



765D73



706349

Complementary

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



3C6C71



71413C

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.



7B5F4E



3C6C71



7F5B66

Square

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



3C6C71



66617D



815B58



61684C

Rectangle

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



3C6C71



4C677F



815B58



74624A

Sweetspot

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



3C6C71



7F9294



3C7140



3D494A



C9C9C9



4A4A4A

Same Dimension

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



3C6C71



418C94



3C5271



323838



006D78



00E0F7

Inverse Universe

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



713C6C



94418C



715B3C



383238



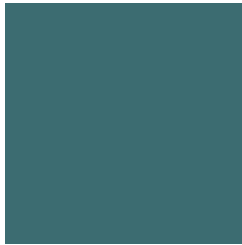
78006D



F700E0

Previews

White Background



This preview shows how the Hex color 3C6C71 looks on a white background.

Color Contrast Check

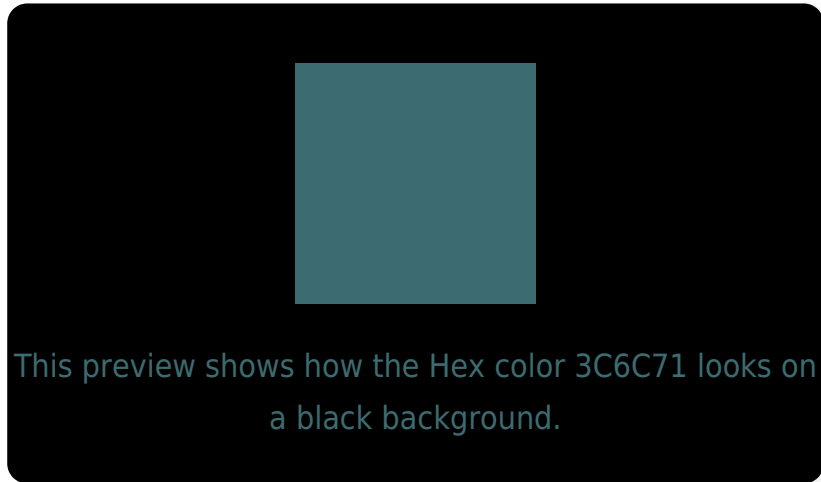
Large Text (above 18pt) WCAG AA ✓ Pass

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

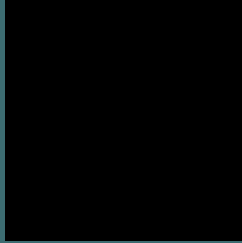
Any Text WCAG AA × Fail

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 3C6C71 Background



This preview shows how black text looks on a background with the Hex color 3C6C71.

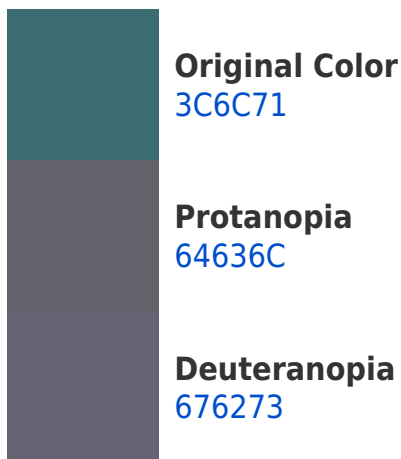


This preview shows how white text looks on a background with the Hex color 3C6C71.

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
3D6B74

Trichromacy



Original Color
3C6C71

Protanomaly
55666E

Deuteranomaly
576672

Tritanomaly
3D6B73

Monochromacy



Original Color
3C6C71

Achromatopsia
5E5E5E

Achromatomaly
526365

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6C71 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 #3C6C71 looks like.

```
.text, #text, p{  
    color:#3C6C71  
}
```

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 #3C6C71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6C71
}
```

Border

The CSS property to change the border of an element to Hex 3C6C71 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
#3C6C71 }
```

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

```
.border{ border-color:#3C6C71 }
```

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

Here you see how a box with a 4 pixel #3C6C71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6C71; -webkit-box-shadow:4px 4px  
4px 4px #3C6C71; box-shadow:4px 4px 4px  
4px #3C6C71 }
```

Background

The CSS property to change the background color of an element to Hex 3C6C71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6C71 }
```

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

```
.background{ background-color:#3C6C71 }
```

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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