

Converting Colors

Hex(3A6865)

Have a look what the booklet for
Hex(3A6865) contains.

Hex(3A6865)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A6865)

Conversions

Conversions Part 1

Format	Color
Hex	3A6865
RGB	58, 104, 101
RGB Percent	23%, 41%, 40%
CMY	0.7725, 0.5922, 0.6039
CMYK	0.44, 0.00, 0.03, 0.59
HSL	176°, 28%, 32%
HSV	176°, 44%, 41%
XYZ	9.0442, 11.7398, 14.1012
YIQ	89.9040, -26.4530, -10.6850

Conversions

Conversions Part 2

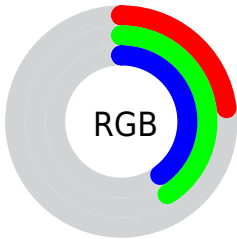
Format	Color
RYB	58, 82, 104
Decimal	3827813
CIELab	40.80, -16.56, -3.26
CIElCh	41, 16.874, 191.132
Yxy	11.7398, 0.2593, 0.3365
Android (android.graphics.Color)	4282017893 (0xFF3A6865)
YUV	89.9040, 5.4703, -27.9798
Hunter-Lab	34.2633, -12.8437, -0.4168

Details

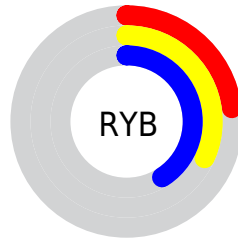
The Hex color **3A6865** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **683A3D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6C9B98**, and **053936** is the 20% darker color. If you saturate the color by 10%, you get **306864**, and if you desaturate by 10%, it is **446866**.

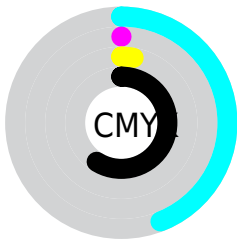
Distribution



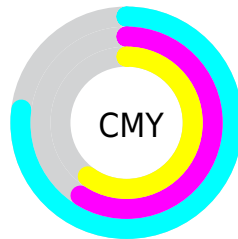
- Red (23%)
- Green (41%)
- Blue (40%)



- Red (23%)
- Yellow (32%)
- Blue (41%)



- Cyan (44%)
- Magenta (0%)
- Yellow (3%)
- Black (59%)



- Cyan (77%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A6865 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 3A6865 by changing the saturation by 10% instead.



3A6865



3A6865

FFFFFF



21504D



6C9B98



053936



86B6B3



002321



A1D2CE



00060B



BDEEEA



000000



D9FFFF



F6FFFF



3A6865



3A6865



306864



446866

■ 256864

■ 4F6866

■ 1B6863

■ 596867

■ 106862

■ 646868

■ 066862

■ 6E6868

■ 006861

■ 786869

■ 83686A

■ 8D686A

■ 98686B

Harmonies

Analogous

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



466757



3A6865



386772

Triad

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



3A6865



695B75



725C46

Complementary

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



3A6865



683A3D

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.



7A584F



3A6865



765769

Square

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



3A6865



56607B



7C565B



656145

Rectangle

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



3A6865



3F6578



7C565B



755B48

Sweetspot

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



3A6865



768786



3D683A



3A4544



C4C4C4



454545

Same Dimension

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



3A6865



408782



3A5468



2E3333



00736B



00F2E2

Inverse Universe

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



683A3D



874044



684E3A



332E2E



730007



F20010

Previews

White Background



This preview shows how the Hex color 3A6865 looks on a white background.

Color Contrast Check

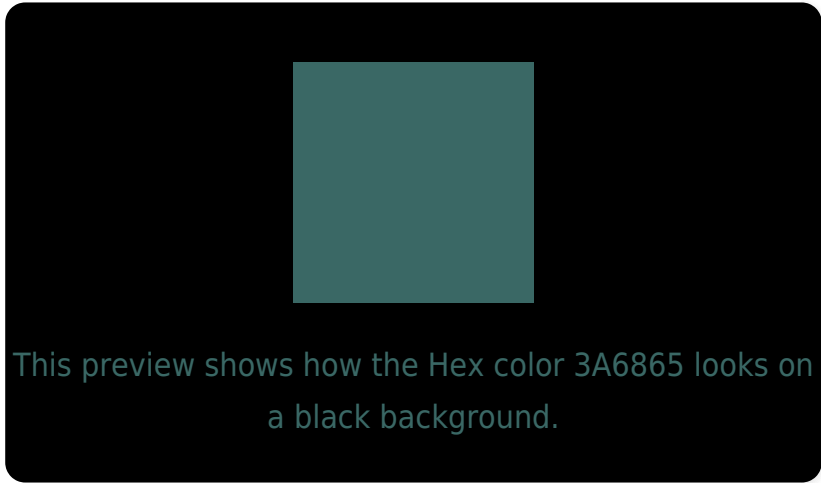
Large Text (above 18pt) WCAG AA ✓ Pass

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

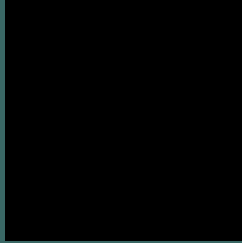
Any Text WCAG AA × Fail

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 3A6865 Background



This preview shows how black text looks on a background with the Hex color 3A6865.



This preview shows how white text looks on a background with the Hex color 3A6865.

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
3A6865

Protanopia
615F60

Deuteranopia
665D67



Tritanopia
3D676F

Trichromacy



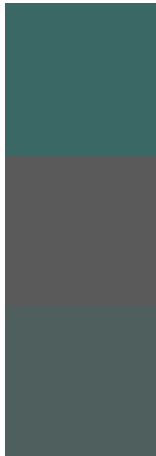
Original Color
3A6865

Protanomaly
536262

Deuteranomaly
566166

Tritanomaly
3C676B

Monochromacy



Original Color
3A6865

Achromatopsia
5A5A5A

Achromatomaly
4E5F5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A6865 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 #3A6865 looks like.

```
.text, #text, p{  
    color:#3A6865  
}
```

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 #3A6865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6865
}
```

Border

The CSS property to change the border of an element to Hex 3A6865 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
#3A6865 }
```

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

```
.border{ border-color:#3A6865 }
```

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

Here you see how a box with a 4 pixel #3A6865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6865; -webkit-box-shadow:4px 4px  
4px 4px #3A6865; box-shadow:4px 4px 4px  
4px #3A6865 }
```

Background

The CSS property to change the background color of an element to Hex 3A6865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6865 }
```

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

```
.background{ background-color:#3A6865 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor