

Converting Colors

Hex(3A4261)

Have a look what the booklet for
Hex(3A4261) contains.

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Color

Hex(3A4261)

Conversions

Conversions Part 1

Format	Color
Hex	3A4261
RGB	58, 66, 97
RGB Percent	23%, 26%, 38%
CMY	0.7725, 0.7412, 0.6196
CMYK	0.40, 0.32, 0.00, 0.62
HSL	228°, 25%, 30%
HSV	228°, 40%, 38%
XYZ	5.8508, 5.6590, 12.0932
YIQ	67.1420, -14.7190, 7.9450

Conversions

Conversions Part 2

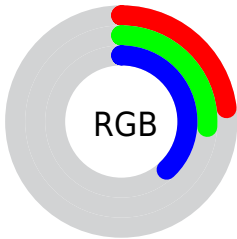
Format	Color
R_{YB}	58, 65, 97
Decimal	3818081
CIE Lab	28.54, 5.46, -19.35
CIE LCh	29, 20.107, 285.754
Yxy	5.6590, 0.2479, 0.2398
Android (android.graphics.Color)	4282008161 (0xFF3A4261)
YUV	67.1420, 14.7200, -8.0175
Hunter-Lab	23.7887, 2.2716, -13.4884

Details

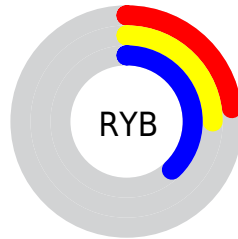
The Hex color **3A4261** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **61593A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6B7294**, and **0B1832** is the 20% darker color. If you saturate the color by 10%, you get **303A61**, and if you desaturate by 10%, it is **444A61**.

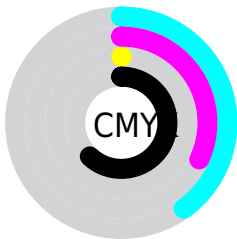
Distribution



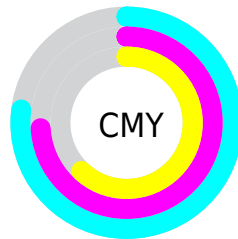
- Red (23%)
- Green (26%)
- Blue (38%)



- Red (23%)
- Yellow (25%)
- Blue (38%)



- Cyan (40%)
- Magenta (32%)
- Yellow (0%)
- Black (62%)



- Cyan (77%)
- Magenta (74%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4261 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 3A4261 by changing the saturation by 10% instead.



3A4261



3A4261

FFFFFF



232C49



6B7294



0B1832



848BAE



00021D



9FA5CA



000000



BAC1E6



D6DCFF



F3F9FF



3A4261



3A4261



303A61



444A61

■ 273361

■ 4D5161

■ 1D2B61

■ 575961

■ 132361

■ 616161

■ 091B61

■ 6B6961

■ 001461

■ 747061

■ 7E7861

■ 888061

■ 918761

Harmonies

Analogous

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



1F4761



3A4261



4F3C59

Triad

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



3A4261



5E3B2E



204B3B

Complementary

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



3A4261



61593A

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.



34492D



3A4261



544025

Square

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



3A4261



62373C



454525



074C4B

Rectangle

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



3A4261



593950



454525



274A36

Sweetspot

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



3A4261



6E717D



3A6159



373940



BFBFBF



404040

Same Dimension

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



3A4261



414D7D



453A61



2C2D30



001770



0031F0

Inverse Universe

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



613A42



7D414D



56613A



302C2D



700017



F00031

Previews

White Background



This preview shows how the Hex color 3A4261 looks on a white background.

Color Contrast Check

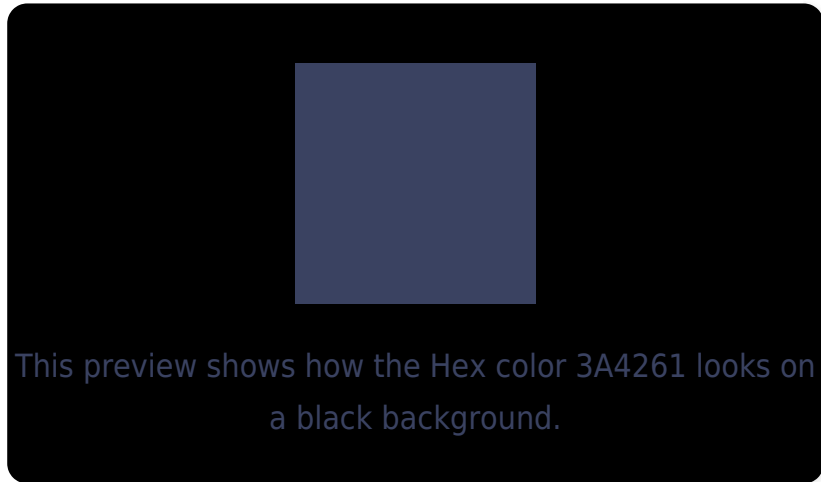
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

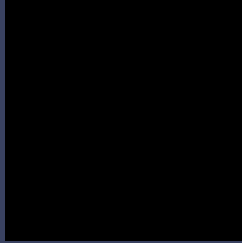
Any Text WCAG AA × Fail

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 3A4261 Background



This preview shows how black text looks on a background with the Hex color 3A4261.



This preview shows how white text looks on a background with the Hex color 3A4261.

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](#).

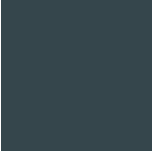
Dichromacy



Original Color
3A4261

Protanopia
394261

Deuteranopia
384361



Tritanopia
35464C

Trichromacy



Original Color
3A4261

Protanomaly
394261

Deuteranomaly
394361

Tritanomaly
374554

Monochromacy



Original Color
3A4261

Achromatopsia
434343

Achromatomaly
40434E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4261 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 #3A4261 looks like.

```
.text, #text, p{  
    color:#3A4261  
}
```

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 #3A4261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4261
}
```

Border

The CSS property to change the border of an element to Hex 3A4261 is called "border". The border property can be set on classes, ids or directly on the HTML element.

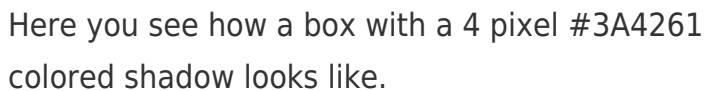
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A4261 }
```

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

```
.border{ border-color:#3A4261 }
```

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



Here you see how a box with a 4 pixel #3A4261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4261; -webkit-box-shadow:4px 4px  
4px 4px #3A4261; box-shadow:4px 4px 4px  
4px #3A4261 }
```

Background

The CSS property to change the background color of an element to Hex 3A4261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4261 }
```

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

```
.background{ background-color:#3A4261 }
```

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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