

Converting Colors

Hex(3A5465)

Have a look what the booklet for
Hex(3A5465) contains.

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Color

Hex(3A5465)

Conversions

Conversions Part 1

Format	Color
Hex	3A5465
RGB	58, 84, 101
RGB Percent	23%, 33%, 40%
CMY	0.7725, 0.6706, 0.6039
CMYK	0.43, 0.17, 0.00, 0.60
HSL	204°, 27%, 31%
HSV	204°, 43%, 40%
XYZ	7.2642, 8.1798, 13.5079
YIQ	78.1640, -20.9530, -0.2250

Conversions

Conversions Part 2

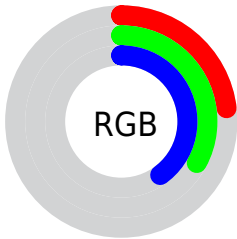
Format	Color
RYB	58, 74, 101
Decimal	3822693
CIELab	34.35, -4.86, -12.93
CIElCh	34, 13.813, 249.410
Yxy	8.1798, 0.2509, 0.2825
Android (android.graphics.Color)	4282012773 (0xFF3A5465)
YUV	78.1640, 11.2581, -17.6838
Hunter-Lab	28.6003, -4.7132, -7.9824

Details

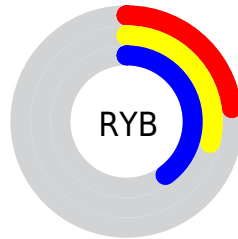
The Hex color **3A5465** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **654B3A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6B8598**, and **092736** is the 20% darker color. If you saturate the color by 10%, you get **305065**, and if you desaturate by 10%, it is **445865**.

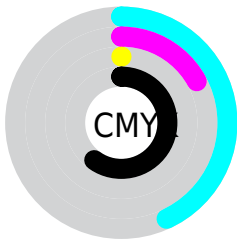
Distribution



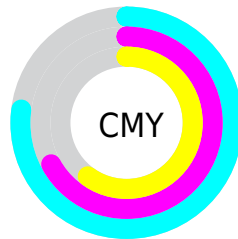
- Red (23%)
- Green (33%)
- Blue (40%)



- Red (23%)
- Yellow (29%)
- Blue (40%)



- Cyan (43%)
- Magenta (17%)
- Yellow (0%)
- Black (60%)



- Cyan (77%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5465 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 3A5465 by changing the saturation by 10% instead.

■ 3A5465

■ 3A5465

FFFFFF

■ 223D4D

■ 6B8598

■ 092736

■ 85A0B3

■ 001321

■ A0BBCE

■ 000008

■ BBD6EA

■ 000000

■ D7F3FF

■ F4FFFF

■ 3A5465

■ 3A5465

■ 305065

■ 445865

■ 264C65

■ 4E5C65

■ 1C4865

■ 586065

■ 124465

■ 626465

■ 084065

■ 6D6865

■ 003D65

■ 776C65

■ 817065

■ 8B7465

■ 957865

Harmonies

Analogous

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



32565E



3A5465



485166

Triad

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



3A5465



67494E



495440

Complementary

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



3A5465



654B3A

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.



55513B



3A5465



664A43

Square

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



3A5465



624A59



604E3D



3D5649

Rectangle

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



3A5465



524E64



604E3D



4D533E

Sweetspot

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



3A5465



717B82



3A654A



383E42



C2C2C2



424242

Same Dimension

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



3A5465



406882



3A3F65



2E3133



004573



0092F2

Inverse Universe

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



653A54



824068



65603A



332E31



730045



F20092

Previews

White Background



This preview shows how the Hex color 3A5465 looks on a white background.

Color Contrast Check

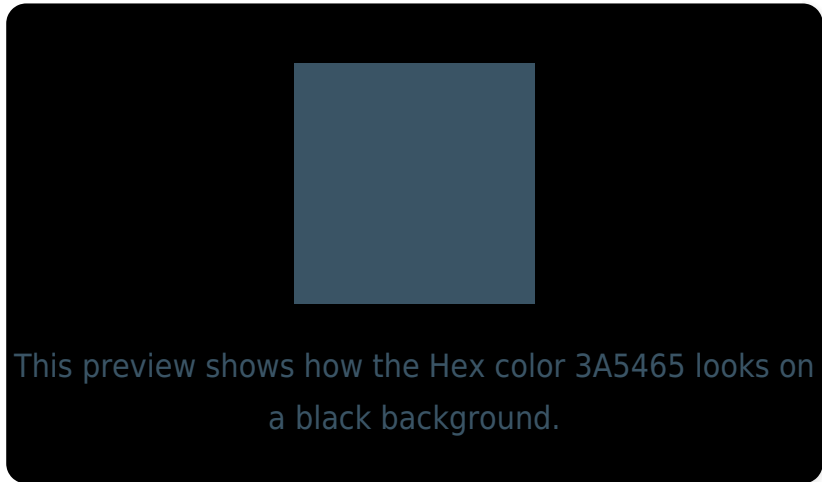
Large Text (above 18pt) WCAG AA ✓ Pass

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

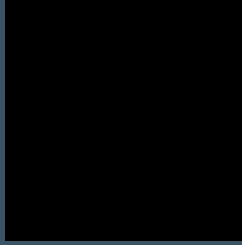
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

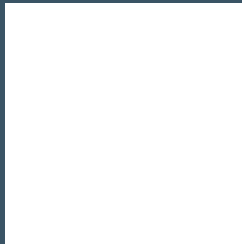
Any Text WCAG AAA × Fail

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

Hex 3A5465 Background



This preview shows how black text looks on a background with the Hex color 3A5465.

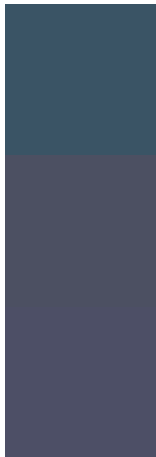


This preview shows how white text looks on a background with the Hex color 3A5465.

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
3A5465

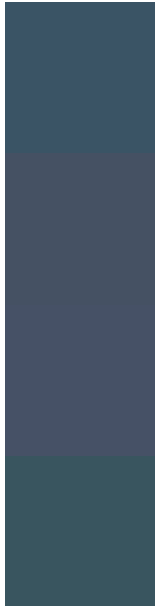
Protanopia
4C5062

Deuteranopia
4D4F66



Tritanopia
38555C

Trichromacy



Original Color

3A5465

Protanomaly

455163

Deuteranomaly

465166

Tritanomaly

39555F

Monochromacy



Original Color

3A5465

Achromatopsia

4E4E4E

Achromatomaly

475056

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5465 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 #3A5465 looks like.

```
.text, #text, p{  
    color:#3A5465  
}
```

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 #3A5465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5465
}
```

Border

The CSS property to change the border of an element to Hex 3A5465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

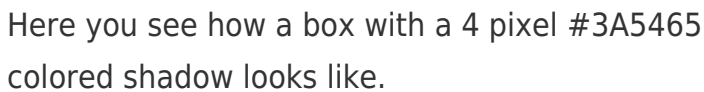
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A5465 }
```

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

```
.border{ border-color:#3A5465 }
```

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



Here you see how a box with a 4 pixel #3A5465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5465; -webkit-box-shadow:4px 4px  
4px 4px #3A5465; box-shadow:4px 4px 4px  
4px #3A5465 }
```

Background

The CSS property to change the background color of an element to Hex 3A5465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5465 }
```

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

```
.background{ background-color:#3A5465 }
```

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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