

Converting Colors

Hex(3A3565)

Have a look what the booklet for
Hex(3A3565) contains.

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Color

Hex(3A3565)

Conversions

Conversions Part 1

Format	Color
Hex	3A3565
RGB	58, 53, 101
RGB Percent	23%, 21%, 40%
CMY	0.7725, 0.7922, 0.6039
CMYK	0.43, 0.48, 0.00, 0.60
HSL	246°, 31%, 30%
HSV	246°, 48%, 40%
XYZ	5.3670, 4.3853, 12.8755
YIQ	59.9670, -12.4280, 15.9880

Conversions

Conversions Part 2

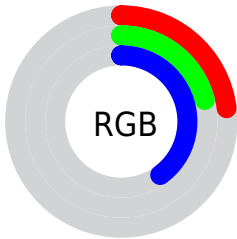
Format	Color
RYB	58, 53, 101
Decimal	3814757
CIELab	24.91, 15.50, -27.64
CIELCh	25, 31.689, 299.287
Yxy	4.3853, 0.2372, 0.1938
Android (android.graphics.Color)	4282004837 (0xFF3A3565)
YUV	59.9670, 20.2293, -1.7251
Hunter-Lab	20.9412, 9.1005, -21.7951

Details

The Hex color **3A3565** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **606535**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6C6498**, and **0A0A36** is the 20% darker color. If you saturate the color by 10%, you get **312B65**, and if you desaturate by 10%, it is **433F65**.

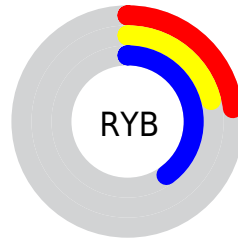
Distribution



Red (23%)

Green (21%)

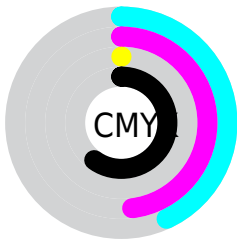
Blue (40%)



Red (23%)

Yellow (21%)

Blue (40%)

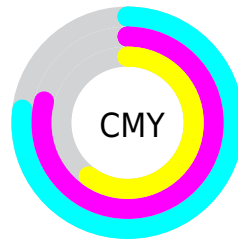


Cyan (43%)

Magenta (48%)

Yellow (0%)

Black (60%)



Cyan (77%)

Magenta (79%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3565 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 3A3565 by changing the saturation by 10% instead.



3A3565



3A3565

FFFFFF



22204D



6C6498



0A0A36



857DB3



000220



A096CF



000004



BCB1EB



000000



D8CDFF



F4E9FF



3A3565



3A3565



312B65



433F65

■ 282165

■ 4C4965

■ 1F1765

■ 555365

■ 160D65

■ 5E5D65

■ 0D0365

■ 676865

■ 0B0065

■ 707265

■ 797C65

■ 828665

■ 8B9065

Harmonies

Analogous

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



003E6B



3A3565



572B54

Triad

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



3A3565



5A3111



00463A

Complementary

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



3A3565



606535

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.



0B4521



3A3565



483A06

Square

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



3A3565



652725



30410D



004652

Rectangle

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



3A3565



622645



30410D



004631

Sweetspot

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



3A3565



727082



356065



383742



C2C2C2



424242

Same Dimension

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



3A3565



403882



523565



2E2E33



0C0073



1900F2

Inverse Universe

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



653560



82387A



486535



332E32



730067



F200D9

Previews

White Background



This preview shows how the Hex color 3A3565 looks on a white background.

Color Contrast Check

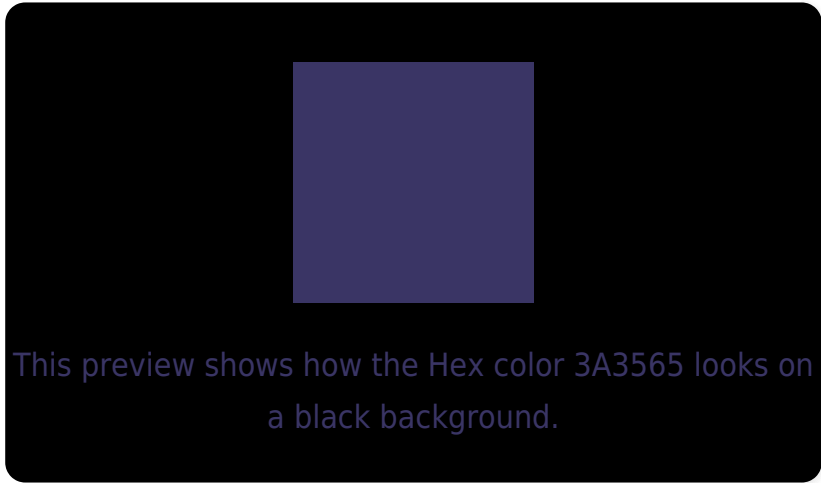
Large Text (above 18pt) WCAG AA ✓ Pass

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

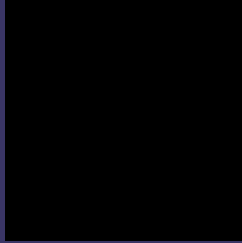
Any Text WCAG AA × Fail

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 3A3565 Background



This preview shows how black text looks on a background with the Hex color 3A3565.



This preview shows how white text looks on a background with the Hex color 3A3565.

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](#).

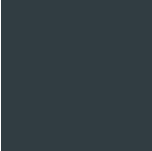
Dichromacy



Original Color
3A3565

Protanopia
253A69

Deuteranopia
1F3C64



Tritanopia
313D42

Trichromacy



Original Color
3A3565

Protanomaly
2D3868

Deuteranomaly
293964

Tritanomaly
343A4F

Monochromacy



Original Color
3A3565

Achromatopsia
3C3C3C

Achromatomaly
3B394B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3565 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 #3A3565 looks like.

```
.text, #text, p{  
    color:#3A3565  
}
```

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 #3A3565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3565  
}
```

Border

The CSS property to change the border of an element to Hex 3A3565 is called "border". The border property can be set on classes, ids or directly on the HTML element.

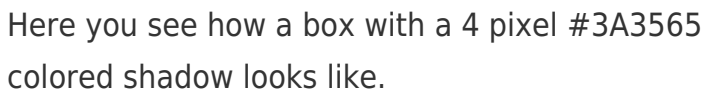
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3A3565 }
```

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

```
.border{ border-color:#3A3565 }
```

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



Here you see how a box with a 4 pixel #3A3565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3565; -webkit-box-shadow:4px 4px  
4px 4px #3A3565; box-shadow:4px 4px 4px  
4px #3A3565 }
```

Background

The CSS property to change the background color of an element to Hex 3A3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3565 }
```

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

```
.background{ background-color:#3A3565 }
```

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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