

Converting Colors

Hex(3A3663)

Have a look what the booklet for
Hex(3A3663) contains.

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Color

Hex(3A3663)

Conversions

Conversions Part 1

Format	Color
Hex	3A3663
RGB	58, 54, 99
RGB Percent	23%, 21%, 39%
CMY	0.7725, 0.7882, 0.6118
CMYK	0.41, 0.45, 0.00, 0.61
HSL	245°, 29%, 30%
HSV	245°, 45%, 39%
XYZ	5.3162, 4.4387, 12.3809
YIQ	60.3260, -12.0610, 14.8430

Conversions

Conversions Part 2

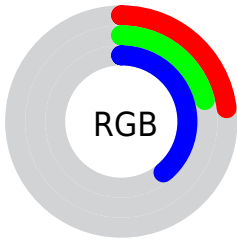
Format	Color
R_{YB}	58, 54, 99
Decimal	3815011
CIE Lab	25.07, 14.18, -26.08
CIE LCh	25, 29.687, 298.538
Yxy	4.4387, 0.2402, 0.2005
Android (android.graphics.Color)	4282005091 (0xFF3A3663)
YUV	60.3260, 19.0663, -2.0399
Hunter-Lab	21.0683, 8.1719, -20.0944

Details

The Hex color **3A3663** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5F6336**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6B6596**, and **0B0B34** is the 20% darker color. If you saturate the color by 10%, you get **312C63**, and if you desaturate by 10%, it is **434063**.

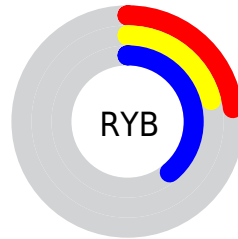
Distribution



Red (23%)

Green (21%)

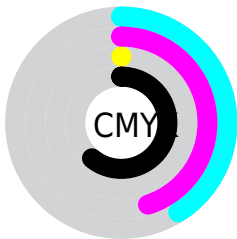
Blue (39%)



Red (23%)

Yellow (21%)

Blue (39%)

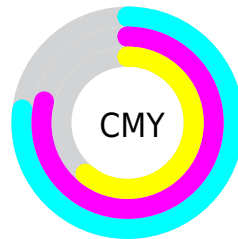


Cyan (41%)

Magenta (45%)

Yellow (0%)

Black (61%)



Cyan (77%)

Magenta (79%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3663 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 3A3663 by changing the saturation by 10% instead.

■ 3A3663

■ 3A3663

FFFFFF

■ 22214B

■ 6B6596

■ 0B0B34

■ 857EB1

■ 00021E

■ A098CC

■ 000001

■ BBB2E9

■ 000000

■ D7CEFF

■ F4EAFF

■ 3A3663

■ 3A3663

■ 312C63

■ 434063

■ 282263

■ 4C4A63

■ 1F1863

■ 555463

■ 160E63

■ 5E5E63

■ 0D0463

■ 676863

■ 090063

■ 707163

■ 797B63

■ 828563

■ 8B8F63

Harmonies

Analogous

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



003E68



3A3663



562D53

Triad

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



3A3663



5A3115



00463A

Complementary

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



3A3663



5F6336

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.



134423



3A3663



483A0B

Square

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



3A3663



632927



324011



004650

Rectangle

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



3A3663



602845



324011



004632

Sweetspot

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



3A3663



6F6E80



365F63



363540



BFBFBF



404040

Same Dimension

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



3A3663



403980



503663



2C2C30



0A0070



1500F0

Inverse Universe

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



63365F



803979



496336



302C30



700066



F000DA

Previews

White Background



This preview shows how the Hex color 3A3663 looks on a white background.

Color Contrast Check

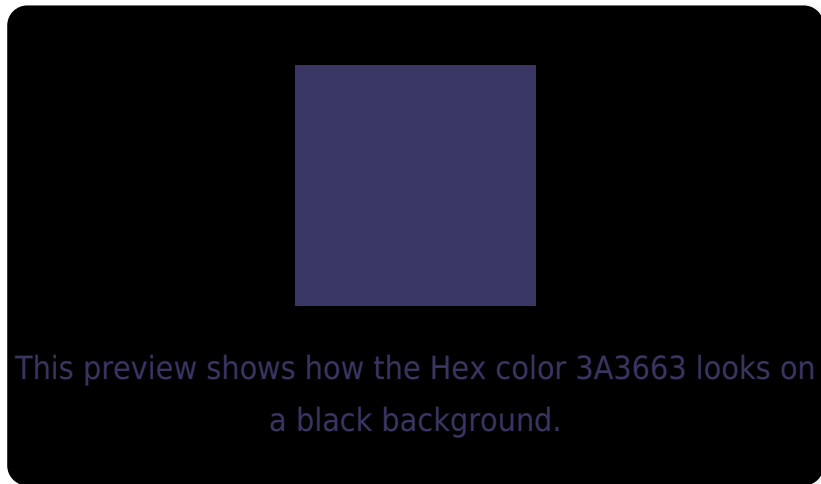
Large Text (above 18pt) WCAG AA ✓ Pass

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

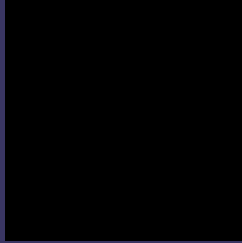
Any Text WCAG AA × Fail

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 3A3663 Background



This preview shows how black text looks on a background with the Hex color 3A3663.



This preview shows how white text looks on a background with the Hex color 3A3663.

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


3A3663

Protanopia

283A67

Deuteranopia

233C62



Tritanopia
323D42

Trichromacy



Original Color
3A3663

Protanomaly
2F3966

Deuteranomaly
2B3A62

Tritanomaly
353A4E

Monochromacy



Original Color
3A3663

Achromatopsia
3C3C3C

Achromatomaly
3B3A4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3663 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 #3A3663 looks like.

```
.text, #text, p{  
    color:#3A3663  
}
```

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 #3A3663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3663
}
```

Border

The CSS property to change the border of an element to Hex 3A3663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

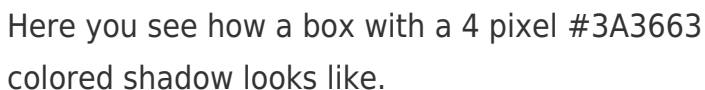
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3663 }
```

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

```
.border{ border-color:#3A3663 }
```

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



Here you see how a box with a 4 pixel `#3A3663` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3663; -webkit-box-shadow:4px 4px  
4px 4px #3A3663; box-shadow:4px 4px 4px  
4px #3A3663 }
```

Background

The CSS property to change the background color of an element to Hex 3A3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3663 }
```

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

```
.background{ background-color:#3A3663 }
```

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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