

Converting Colors

Hex(3C3669)

Have a look what the booklet for
Hex(3C3669) contains.

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Color

Hex(3C3669)

Conversions

Conversions Part 1

Format	Color
Hex	3C3669
RGB	60, 54, 105
RGB Percent	24%, 21%, 41%
CMY	0.7647, 0.7882, 0.5882
CMYK	0.43, 0.49, 0.00, 0.59
HSL	247°, 32%, 31%
HSV	247°, 49%, 41%
XYZ	5.7324, 4.6189, 13.9540
YIQ	61.6080, -12.7950, 17.1330

Conversions

Conversions Part 2

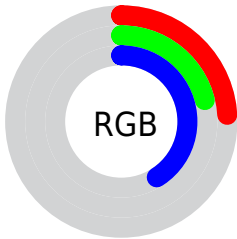
Format	Color
R_{YB}	60, 54, 105
Decimal	3946089
CIE _{Lab}	25.62, 16.68, -29.08
CIE _{LCh}	26, 33.522, 299.848
Yxy	4.6189, 0.2359, 0.1900
Android (android.graphics.Color)	4282136169 (0xFF3C3669)
YUV	61.6080, 21.3923, -1.4102
Hunter-Lab	21.4917, 10.0007, -23.4514

Details

The Hex color **3C3669** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **636936**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6E659D**, and **0B0C39** is the 20% darker color. If you saturate the color by 10%, you get **332B69**, and if you desaturate by 10%, it is **454169**.

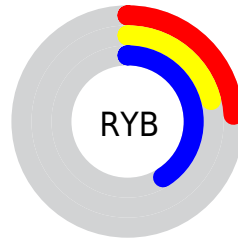
Distribution



Red (24%)

Green (21%)

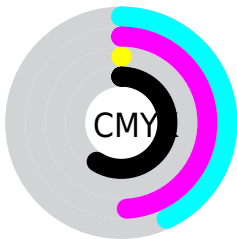
Blue (41%)



Red (24%)

Yellow (21%)

Blue (41%)

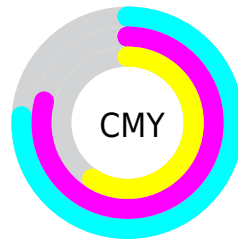


Cyan (43%)

Magenta (49%)

Yellow (0%)

Black (59%)



Cyan (76%)

Magenta (79%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3669 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 3C3669 by changing the saturation by 10% instead.

■ 3C3669

■ 3C3669

FFFFFF

■ 242151

■ 6E659D

■ 0B0C39

■ 887EB8

■ 000223

■ A398D3

■ 00000A

■ BEB2F0

■ 000000

■ DACEFF

■ F7EAFF

■ 3C3669

■ 3C3669

■ 332B69

■ 454169

■ 292169

■ 4F4B69

■ 201769

■ 585669

■ 170C69

■ 616069

■ 0E0269

■ 6A6A69

■ 0C0069

■ 747569

■ 7D8069

■ 868A69

■ 8F9569

Harmonies

Analogous

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



004070



3C3669



5B2B57

Triad

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



3C3669



5D3210



00493C

Complementary

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



3C3669



636936

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.



054722



3C3669



4A3B03

Square

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



3C3669



692825



30430C



004855

Rectangle

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



3C3669



662546



30430C



004833

Sweetspot

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



3C3669



77758A



366369



3A3845



C4C4C4



454545

Same Dimension

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



3C3669



433A8A



553669



313036



0E0075



1D00F5

Inverse Universe

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



693663



8A3A80



4A6936



363035



750068



F500D8

Previews

White Background



This preview shows how the Hex color 3C3669 looks on a white background.

Color Contrast Check

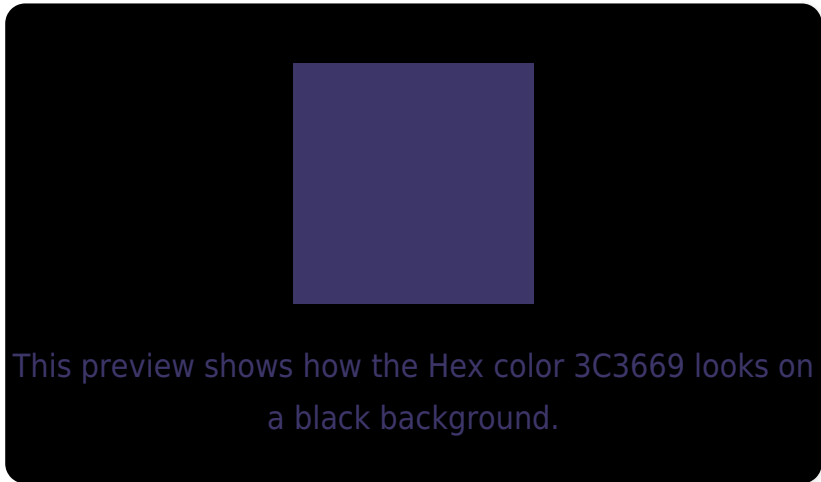
Large Text (above 18pt) WCAG AA ✓ Pass

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

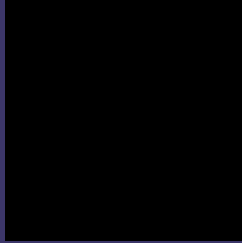
Any Text WCAG AA × Fail

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 3C3669 Background



This preview shows how black text looks on a background with the Hex color 3C3669.



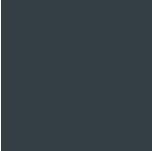
This preview shows how white text looks on a background with the Hex color 3C3669.

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





Tritanopia
333F44

Trichromacy



Original Color
3C3669

Protanomaly
2D396C

Deuteranomaly
293A68

Tritanomaly
363C51

Monochromacy



Original Color
3C3669

Achromatopsia
3E3E3E

Achromatomaly
3D3B4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3669 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 #3C3669 looks like.

```
.text, #text, p{  
    color:#3C3669  
}
```

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 #3C3669 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3669
}
```

Border

The CSS property to change the border of an element to Hex 3C3669 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
#3C3669 }
```

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

```
.border{ border-color:#3C3669 }
```

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

Here you see how a box with a 4 pixel #3C3669 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3669; -webkit-box-shadow:4px 4px  
4px 4px #3C3669; box-shadow:4px 4px 4px  
4px #3C3669 }
```

Background

The CSS property to change the background color of an element to Hex 3C3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3669 }
```

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

```
.background{ background-color:#3C3669 }
```

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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