

Converting Colors

Hex(3C3149)

Have a look what the booklet for
Hex(3C3149) contains.

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Color

Hex(3C3149)

Conversions

Conversions Part 1

Format	Color
Hex	3C3149
RGB	60, 49, 73
RGB Percent	24%, 19%, 29%
CMY	0.7647, 0.8078, 0.7137
CMYK	0.18, 0.33, 0.00, 0.71
HSL	268°, 20%, 24%
HSV	268°, 33%, 29%
XYZ	4.1644, 3.6383, 6.7861
YIQ	55.0250, -1.1480, 9.7960

Conversions

Conversions Part 2

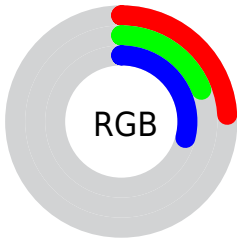
Format	Color
RYB	60, 49, 73
Decimal	3944777
CIELab	22.44, 10.59, -13.02
CIELCh	22, 16.785, 309.111
Yxy	3.6383, 0.2855, 0.2494
Android (android.graphics.Color)	4282134857 (0xFF3C3149)
YUV	55.0250, 8.8617, 4.3631
Hunter-Lab	19.0744, 5.5906, -7.7416

Details

The Hex color **3C3149** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E4931**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **6C5F7A**, and **13021E** is the 20% darker color. If you saturate the color by 10%, you get **382A49**, and if you desaturate by 10%, it is **403849**.

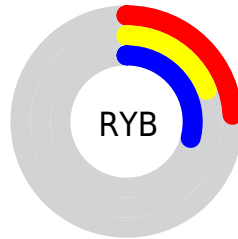
Distribution



Red (24%)

Green (19%)

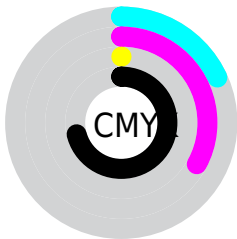
Blue (29%)



Red (24%)

Yellow (19%)

Blue (29%)

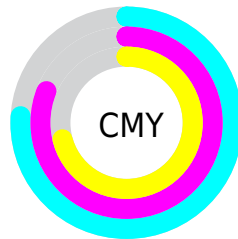


Cyan (18%)

Magenta (33%)

Yellow (0%)

Black (71%)



Cyan (76%)

Magenta (81%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3149 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 3C3149 by changing the saturation by 10% instead.

■ 3C3149

■ 3C3149

FFFFFF

■ 261C32

■ 6C5F7A

■ 13021E

■ 857893

■ 000000

■ 9F92AE

■ BAACC9

■ D6C8E6

■ F3E4FF

■ 3C3149

■ 3C3149

■ 382A49

■ 403849

■ 342249

■ 444049

■ 301B49

■ 484749

■ 2C1449

■ 4C4E49

■ 280D49

■ 505649

■ 240549

■ 545D49

■ 210049

■ 586449

■ 5C6B49

■ 607349

Harmonies

Analogous

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



2A364E



3C3149



482D3F

Triad

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



3C3149



45321F



0C3C39

Complementary

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



3C3149



3E4931

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.



1D3C2C



3C3149



3A361D

Square

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



3C3149



4C2E27



2D3A22



033C45

Rectangle

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



3C3149



4D2C36



2D3A22



123C35

Sweetspot

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



3C3149



59555E



313E49



2D2B30



B0B0B0



303030

Same Dimension

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



3C3149



4A3A5E



483149



222024



2E0063



6800E3

Inverse Universe

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



49313E



5E3A4D



324931



242022



630036



E3007B

Previews

White Background



This preview shows how the Hex color 3C3149 looks on a white background.

Color Contrast Check

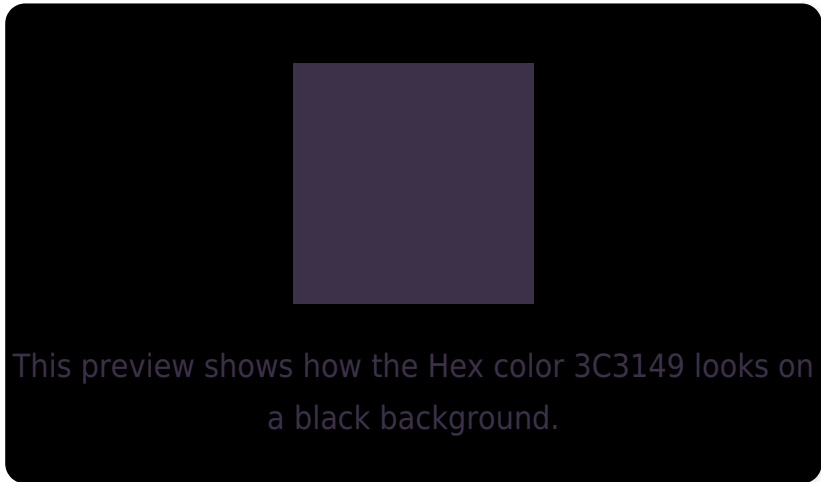
Large Text (above 18pt) WCAG AA ✓ Pass

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

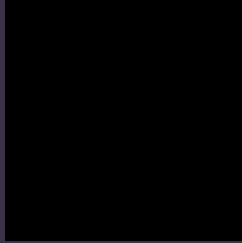
Any Text WCAG AA × Fail

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 3C3149 Background



This preview shows how black text looks on a background with the Hex color 3C3149.

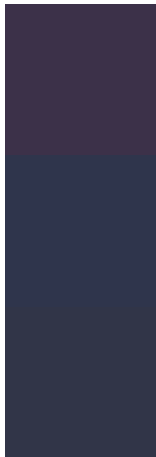


This preview shows how white text looks on a background with the Hex color 3C3149.

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
3C3149

Protanopia
2F354C

Deuteranopia
313548



Tritanopia
393438

Trichromacy



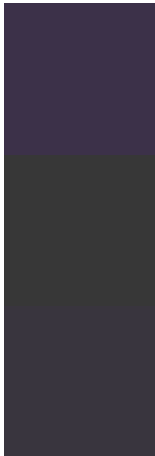
Original Color
3C3149

Protanomaly
34344B

Deuteranomaly
353448

Tritanomaly
3A333E

Monochromacy



Original Color
3C3149

Achromatopsia
373737

Achromatomaly
39353E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3149 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 #3C3149 looks like.

```
.text, #text, p{  
    color:#3C3149  
}
```

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 #3C3149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3149
}
```

Border

The CSS property to change the border of an element to Hex 3C3149 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
#3C3149 }
```

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

```
.border{ border-color:#3C3149 }
```

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

Here you see how a box with a 4 pixel #3C3149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3149; -webkit-box-shadow:4px 4px  
4px 4px #3C3149; box-shadow:4px 4px 4px  
4px #3C3149 }
```

Background

The CSS property to change the background color of an element to Hex 3C3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3149 }
```

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

```
.background{ background-color:#3C3149 }
```

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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