

Converting Colors

Hex(3C2147)

Have a look what the booklet for
Hex(3C2147) contains.

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Color

Hex(3C2147)

Conversions

Conversions Part 1

Format	Color
Hex	3C2147
RGB	60, 33, 71
RGB Percent	24%, 13%, 28%
CMY	0.7647, 0.8706, 0.7216
CMYK	0.15, 0.54, 0.00, 0.72
HSL	283°, 37%, 20%
HSV	283°, 54%, 28%
XYZ	3.5447, 2.5033, 6.2576
YIQ	45.4050, 3.8940, 17.5420

Conversions

Conversions Part 2

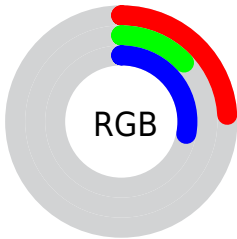
Format	Color
RYB	60, 33, 71
Decimal	3940679
CIELab	17.93, 20.79, -18.68
CIElCh	18, 27.943, 318.061
Yxy	2.5033, 0.2881, 0.2034
Android (android.graphics.Color)	4282130759 (0xFF3C2147)
YUV	45.4050, 12.6183, 12.7998
Hunter-Lab	15.8218, 12.3023, -12.3741

Details

The Hex color **3C2147** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **2C4721**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6C4E78**, and **0D001C** is the 20% darker color. If you saturate the color by 10%, you get **3A1A47**, and if you desaturate by 10%, it is **3E2847**.

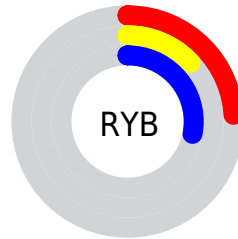
Distribution



Red (24%)

Green (13%)

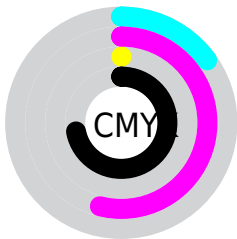
Blue (28%)



Red (24%)

Yellow (13%)

Blue (28%)

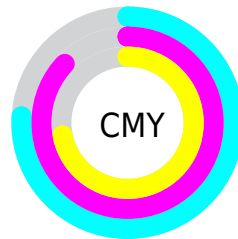


Cyan (15%)

Magenta (54%)

Yellow (0%)

Black (72%)



Cyan (76%)

Magenta (87%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C2147 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 3C2147 by changing the saturation by 10% instead.

■ 3C2147

■ 3C2147

FFFFFF

■ 250C30

■ 6C4E78

■ 0D001C

■ 866791

■ 000000

■ A180AC

■ BC9AC7

■ D8B5E4

■ F4D0FF

■ FFEDFF

■ 3C2147

■ 3C2147

■ 3A1A47

■ 3E2847

■ 381347

■ 402F47

■ 360C47

■ 423647

■ 340547

■ 443D47

■ 320047

■ 464547

■ 484C47

■ 4A5347

■ 4C5A47

■ 4E6147

Harmonies

Analogous

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



1C2A52



3C2147



4C1935

Triad

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



3C2147



3D2800



003538

Complementary

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



3C2147



2C4721

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.



003523



3C2147



2B2F00

Square

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



3C2147



4A200E



12330F



003449

Rectangle

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



3C2147



501827



12330F



003531

Sweetspot

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



3C2147



584D5C



212C47



2B252E



ADADAD



2E2E2E

Same Dimension

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



3C2147



4B215C



47213F



232024



470063



A100E3

Inverse Universe

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



47212C



5C2132



214729



242021



63001D



E30042

Previews

White Background



This preview shows how the Hex color 3C2147 looks on a white background.

Color Contrast Check

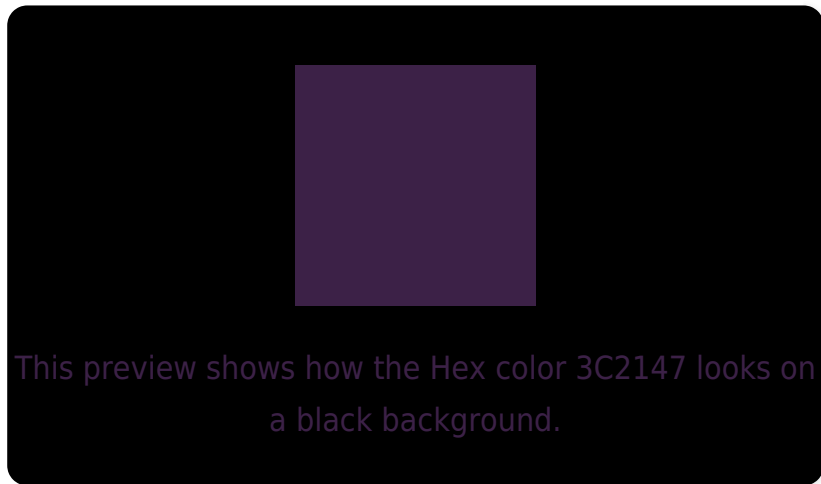
Large Text (above 18pt) WCAG AA ✓ Pass

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

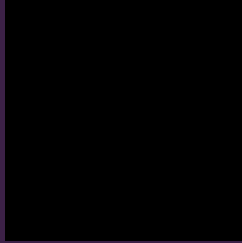
Any Text WCAG AA × Fail

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 3C2147 Background



This preview shows how black text looks on a background with the Hex color 3C2147.



This preview shows how white text looks on a background with the Hex color 3C2147.

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
3C2147

Protanopia
1A2B51

Deuteranopia
202C45



Tritanopia
38282B

Trichromacy



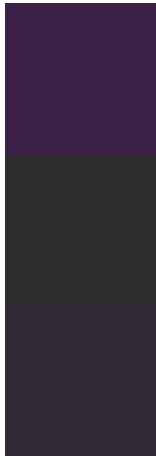
Original Color
3C2147

Protanomaly
26274D

Deuteranomaly
2A2846

Tritanomaly
392535

Monochromacy



Original Color
3C2147

Achromatopsia
2D2D2D

Achromatomaly
322936

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C2147 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 #3C2147 looks like.

```
.text, #text, p{  
    color:#3C2147  
}
```

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 #3C2147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C2147
}
```

Border

The CSS property to change the border of an element to Hex 3C2147 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
#3C2147 }
```

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

```
.border{ border-color:#3C2147 }
```

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

Here you see how a box with a 4 pixel #3C2147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C2147; -webkit-box-shadow:4px 4px  
4px 4px #3C2147; box-shadow:4px 4px 4px  
4px #3C2147 }
```

Background

The CSS property to change the background color of an element to Hex 3C2147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C2147 }
```

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

```
.background{ background-color:#3C2147 }
```

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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