

Converting Colors

Hex(3A1A59)

Have a look what the booklet for
Hex(3A1A59) contains.

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Color

Hex(3A1A59)

Conversions

Conversions Part 1

Format	Color
Hex	3A1A59
RGB	58, 26, 89
RGB Percent	23%, 10%, 35%
CMY	0.7725, 0.8980, 0.6510
CMYK	0.35, 0.71, 0.00, 0.65
HSL	270°, 55%, 23%
HSV	270°, 71%, 35%
XYZ	3.9175, 2.3596, 9.7002
YIQ	42.7500, -1.1510, 26.3770

Conversions

Conversions Part 2

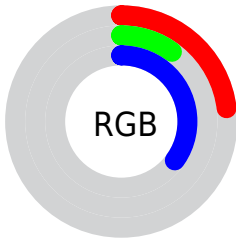
Format	Color
RYB	58, 26, 89
Decimal	3807833
CIELab	17.27, 29.30, -31.96
CIElCh	17, 43.360, 312.516
Yxy	2.3596, 0.2452, 0.1477
Android (android.graphics.Color)	4281997913 (0xFF3A1A59)
YUV	42.7500, 22.8012, 13.3742
Hunter-Lab	15.3610, 18.6409, -26.6878

Details

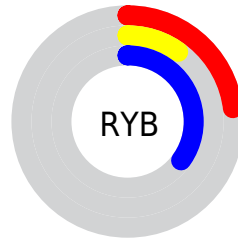
The Hex color **3A1A59** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **39591A**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6C488C**, and **09002B** is the 20% darker color. If you saturate the color by 10%, you get **361159**, and if you desaturate by 10%, it is **3E2359**.

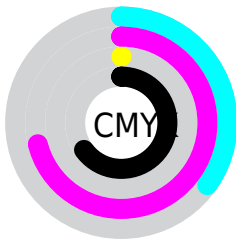
Distribution



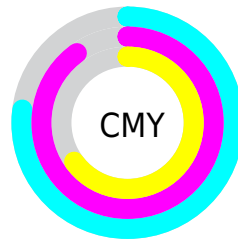
- Red (23%)
- Green (10%)
- Blue (35%)



- Red (23%)
- Yellow (10%)
- Blue (35%)



- Cyan (35%)
- Magenta (71%)
- Yellow (0%)
- Black (65%)



- Cyan (77%)
- Magenta (90%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A1A59 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 3A1A59 by changing the saturation by 10% instead.

■ 3A1A59

■ 3A1A59

FFFFFF

■ 220441

■ 6C488C

■ 09002B

■ 8660A6

■ 000115

■ A179C2

■ 000000

■ BD93DE

■ D9AEFA

■ F6CAFF

■ FFE6FF

■ 3A1A59

■ 3A1A59

■ 361159

■ 3E2359

■ 310859

■ 432C59

■ 2D0059

■ 473559

■ 4C3E59

■ 504759

■ 544F59

■ 595859

■ 5D6159

■ 616A59

Harmonies

Analogous

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



002A68



3A1A59



57003E

Triad

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



3A1A59



442200



003737

Complementary

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



3A1A59



39591A

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.



003616



3A1A59



2A2D00

Square

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



3A1A59



580E00



013300



003754

Rectangle

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



3A1A59



5E0029



013300



00372C

Sweetspot

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



3A1A59



675B73



1A3A59



332C3B



BABABA



3B3B3B

Same Dimension

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



3A1A59



431173



591A59



29272B



36006B



7700EB

Inverse Universe

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



591A39



731141



1A591A



2B2729



6B0035



EB0073

Previews

White Background



This preview shows how the Hex color 3A1A59 looks on a white background.

Color Contrast Check

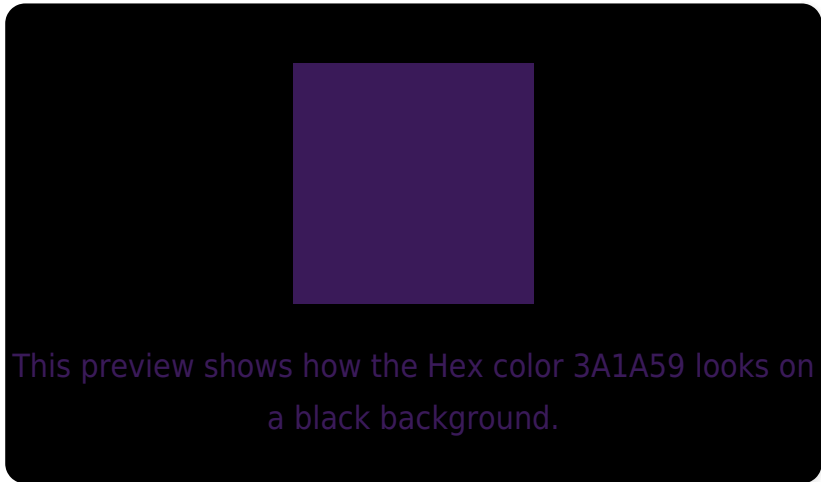
Large Text (above 18pt) WCAG AA ✓ Pass

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

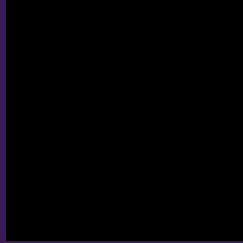
Any Text WCAG AA × Fail

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 3A1A59 Background



This preview shows how black text looks on a background with the Hex color 3A1A59.



This preview shows how white text looks on a background with the Hex color 3A1A59.

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
3A1A59

Deuteranopia
002C4D

Tritanopia
31292C

Trichromacy

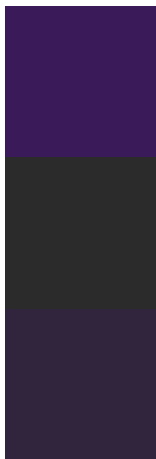


Original Color
3A1A59

Deuteranomaly
152551

Tritanomaly
34243C

Monochromacy



Original Color
3A1A59

Achromatopsia
2B2B2B

Achromatomaly
30253C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A1A59 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 #3A1A59 looks like.

```
.text, #text, p{  
    color:#3A1A59  
}
```

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 #3A1A59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A1A59
}
```

Border

The CSS property to change the border of an element to Hex 3A1A59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

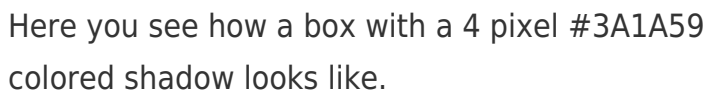
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A1A59 }
```

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

```
.border{ border-color:#3A1A59 }
```

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



Here you see how a box with a 4 pixel #3A1A59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A1A59; -webkit-box-shadow:4px 4px  
4px 4px #3A1A59; box-shadow:4px 4px 4px  
4px #3A1A59 }
```

Background

The CSS property to change the background color of an element to Hex 3A1A59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A1A59 }
```

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

```
.background{ background-color:#3A1A59 }
```

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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