

Converting Colors

Hex(3A193D)

Have a look what the booklet for
Hex(3A193D) contains.

Hex(3A193D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A193D)

Conversions

Conversions Part 1

Format	Color
Hex	3A193D
RGB	58, 25, 61
RGB Percent	23%, 10%, 24%
CMY	0.7725, 0.9020, 0.7608
CMYK	0.05, 0.59, 0.00, 0.76
HSL	295°, 42%, 17%
HSV	295°, 59%, 24%
XYZ	2.9349, 1.9317, 4.6331
YIQ	38.9710, 8.1120, 18.1920

Conversions

Conversions Part 2

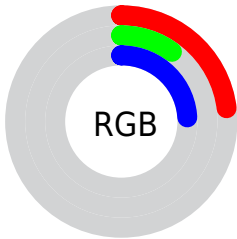
Format	Color
RYB	58, 25, 61
Decimal	3807549
CIELab	15.12, 22.70, -16.16
CIElCh	15, 27.868, 324.559
Yxy	1.9317, 0.3089, 0.2033
Android (android.graphics.Color)	4281997629 (0xFF3A193D)
YUV	38.9710, 10.8603, 16.6884
Hunter-Lab	13.8986, 13.3697, -10.0350

Details

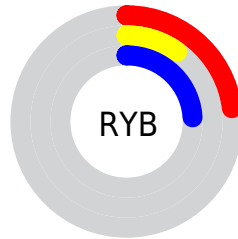
The Hex color **3A193D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1C3D19**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **6A466D**, and **000011** is the 20% darker color. If you saturate the color by 10%, you get **39133D**, and if you desaturate by 10%, it is **3B1F3D**.

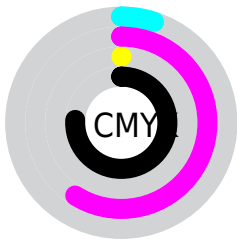
Distribution



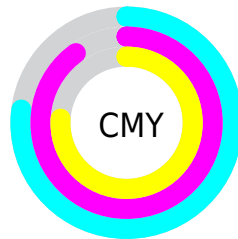
- Red (23%)
- Green (10%)
- Blue (24%)



- Red (23%)
- Yellow (10%)
- Blue (24%)



- Cyan (5%)
- Magenta (59%)
- Yellow (0%)
- Black (76%)



- Cyan (77%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A193D 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 3A193D by changing the saturation by 10% instead.

■ 3A193D

■ 3A193D

FFFFFF

■ 240227

■ 6A466D

■ 000011

■ 845E86

■ 000000

■ 9E77A0

■ BA91BB

■ D6ACD7

■ F2C7F3

■ FFE3FF

■ 3A193D

■ 3A193D

■ 39133D

■ 3B1F3D

■ 390D3D

■ 3B253D

■ 38073D

■ 3C2B3D

■ 38013D

■ 3C313D

■ 38003D

■ 3D383D

■ 3D3E3D

■ 3E443D

■ 3E4A3D

■ 3F503D

Harmonies

Analogous

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



1E224A



3A193D



47122A

Triad

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



3A193D



332400



002F36

Complementary

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



3A193D



1C3D19

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.



002F22



3A193D



212A00

Square

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



3A193D



411C00



032D0D



002D46

Rectangle

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



3A193D



49121D



032D0D



002F2F

Sweetspot

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



3A193D



4E414F



191C3D



282029



A8A8A8



292929

Same Dimension

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



3A193D



4A174F



3D192F



1E1C1F



56005E



CB00DE

Inverse Universe

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



3D191C



4F171C



193D27



1F1C1C



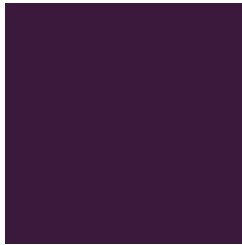
5E0008



DE0012

Previews

White Background



This preview shows how the Hex color 3A193D looks on a white background.

Color Contrast Check

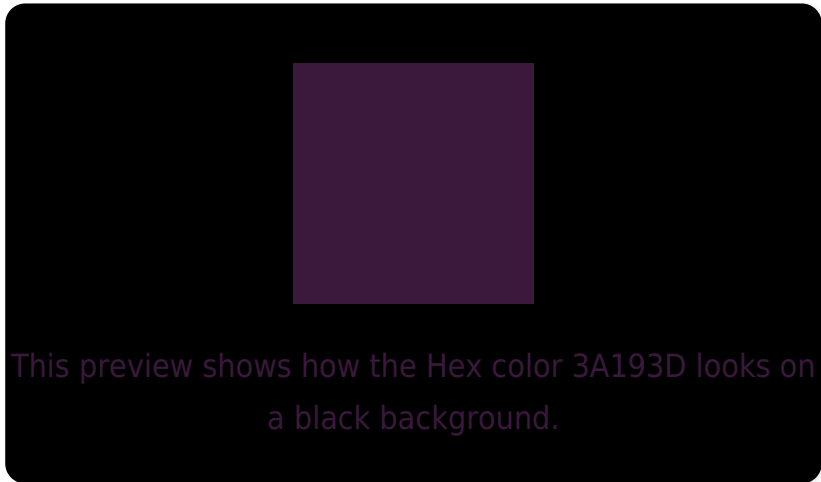
Large Text (above 18pt) WCAG AA ✓ Pass

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

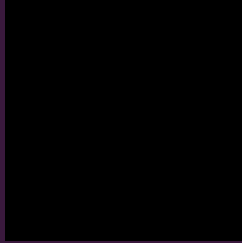
Any Text WCAG AA × Fail

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 3A193D Background



This preview shows how black text looks on a background with the Hex color 3A193D.



This preview shows how white text looks on a background with the Hex color 3A193D.

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
3A193D

Protanopia
142649

Deuteranopia
1E273B

Trichromacy



Original Color
3A193D

Protanomaly
222145

Deuteranomaly
28223C

Tritanomaly
381D2C

Monochromacy



Original Color
3A193D

Achromatopsia
272727

Achromatomaly
2E222F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A193D 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 #3A193D looks like.

```
.text, #text, p{  
    color:#3A193D  
}
```

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 #3A193D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A193D
}
```

Border

The CSS property to change the border of an element to Hex 3A193D is called "border". The border property can be set on classes, ids or directly on the HTML element.

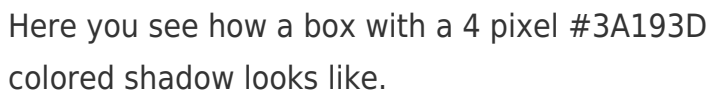
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A193D }
```

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

```
.border{ border-color:#3A193D }
```

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



Here you see how a box with a 4 pixel #3A193D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A193D; -webkit-box-shadow:4px 4px  
4px 4px #3A193D; box-shadow:4px 4px 4px  
4px #3A193D }
```

Background

The CSS property to change the background color of an element to Hex 3A193D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A193D }
```

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

```
.background{ background-color:#3A193D }
```

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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