

Converting Colors

Hex(3C193D)

Have a look what the booklet for
Hex(3C193D) contains.

Hex(3C193D)	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(3C193D)

Conversions

Conversions Part 1

Format	Color
Hex	3C193D
RGB	60, 25, 61
RGB Percent	24%, 10%, 24%
CMY	0.7647, 0.9020, 0.7608
CMYK	0.02, 0.59, 0.00, 0.76
HSL	298°, 42%, 17%
HSV	298°, 59%, 24%
XYZ	3.0534, 1.9928, 4.6386
YIQ	39.5690, 9.3040, 18.6160

Conversions

Conversions Part 2

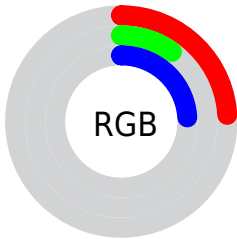
Format	Color
RYB	60, 25, 61
Decimal	3938621
CIELab	15.45, 23.39, -15.63
CIELCh	15, 28.129, 326.250
Yxy	1.9928, 0.3153, 0.2058
Android (android.graphics.Color)	4282128701 (0xFF3C193D)
YUV	39.5690, 10.5655, 17.9180
Hunter-Lab	14.1168, 13.9045, -9.6002

Details

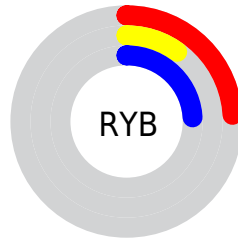
The Hex color **3C193D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1A3D19**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **6D466D**, and **010011** is the 20% darker color. If you saturate the color by 10%, you get **3C133D**, and if you desaturate by 10%, it is **3C1F3D**.

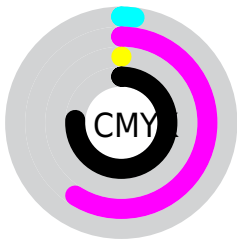
Distribution



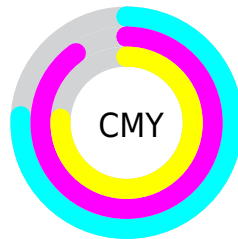
- Red (24%)
- Green (10%)
- Blue (24%)



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



- Cyan (2%)
- Magenta (59%)
- Yellow (0%)
- Black (76%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3C193D 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 3C193D by changing the saturation by 10% instead.



3C193D



3C193D

FFFFFF



260227



6D466D



010011



865E86



000000



A177A0



BC91BB



D8ACD7



F5C7F3



FFE4FF



3C193D



3C193D

■ 3C133D

■ 3C1F3D

■ 3C0D3D

■ 3C253D

■ 3B073D

■ 3D2B3D

■ 3B013D

■ 3D313D

■ 3B003D

■ 3D383D

■ 3D3E3D

■ 3D443D

■ 3D4A3D

■ 3E503D

Harmonies

Analogous

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



21224B



3C193D



48122A

Triad

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



3C193D



332500



003038

Complementary

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



3C193D



1A3D19

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.



003023



3C193D



212B00

Square

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



3C193D



411D00



012E0F



002E48

Rectangle

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



3C193D



4A131D



012E0F



003031

Sweetspot

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



3C193D



4F414F



191A3D



292029



A8A8A8



292929

Same Dimension

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



3C193D



4D174F



3D192C



1F1C1F



5C005E



D800DE

Inverse Universe

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



3D191A



4F1718



193D2A



1F1C1C



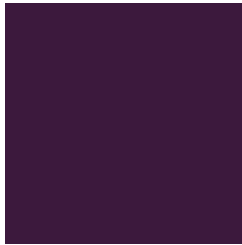
5E0003



DE0006

Previews

White Background



This preview shows how the Hex color 3C193D looks on a white background.

Color Contrast Check

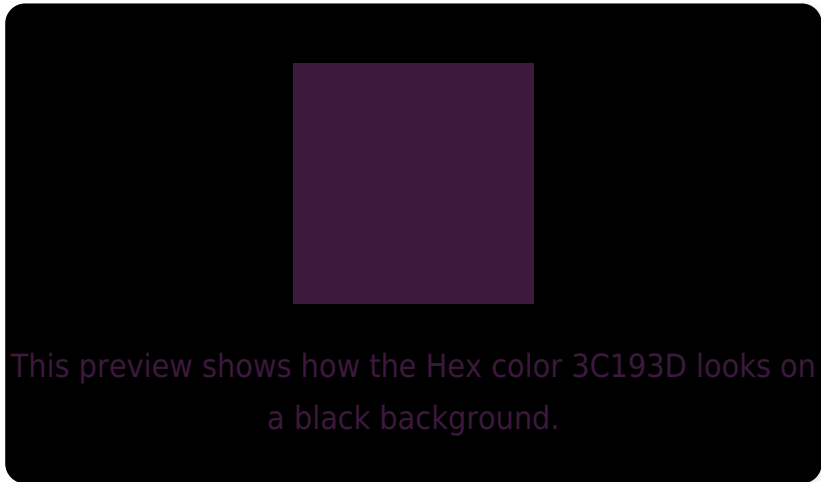
Large Text (above 18pt) WCAG AA ✓ Pass

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

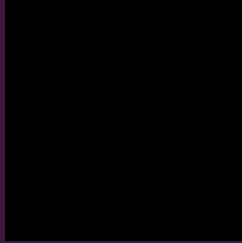
Any Text WCAG AA × Fail

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 3C193D Background



This preview shows how black text looks on a background with the Hex color 3C193D.



This preview shows how white text looks on a background with the Hex color 3C193D.

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
3C193D

Protanopia
162649

Deuteranopia
1F273B

Trichromacy



Original Color

3C193D

Protanomaly

242145

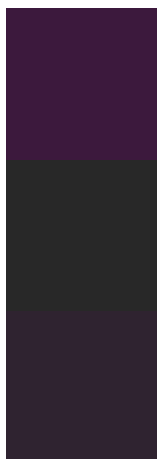
Deuteranomaly

2A223C

Tritanomaly

3A1D2C

Monochromacy



Original Color

3C193D

Achromatopsia

282828

Achromatomaly

2F2330

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C193D 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 #3C193D looks like.

```
.text, #text, p{  
    color:#3C193D  
}
```

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 #3C193D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C193D  
}
```

Border

The CSS property to change the border of an element to Hex 3C193D 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  
#3C193D }
```

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

```
.border{ border-color:#3C193D }
```

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

Here you see how a box with a 4 pixel #3C193D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C193D; -webkit-box-shadow:4px 4px  
4px 4px #3C193D; box-shadow:4px 4px 4px  
4px #3C193D }
```

Background

The CSS property to change the background color of an element to Hex 3C193D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C193D }
```

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

```
.background{ background-color:#3C193D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor