

Converting Colors

Hex(3C1E7B)

Have a look what the booklet for
Hex(3C1E7B) contains.

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Color

Hex(3C1E7B)

Conversions

Conversions Part 1

Format	Color
Hex	3C1E7B
RGB	60, 30, 123
RGB Percent	24%, 12%, 48%
CMY	0.7647, 0.8824, 0.5176
CMYK	0.51, 0.76, 0.00, 0.52
HSL	259°, 61%, 30%
HSV	259°, 76%, 48%
XYZ	5.9029, 3.3193, 19.0685
YIQ	49.5720, -11.9730, 35.2830

Conversions

Conversions Part 2

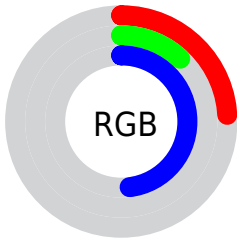
Format	Color
R_{YB}	60, 30, 123
Decimal	3939963
CIE _{Lab}	21.28, 37.32, -47.62
CIE _{LCh}	21, 60.501, 308.084
Yxy	3.3193, 0.2087, 0.1173
Android (android.graphics.Color)	4282130043 (0xFF3C1E7B)
YUV	49.5720, 36.2000, 9.1454
Hunter-Lab	18.2189, 25.9510, -49.3017

Details

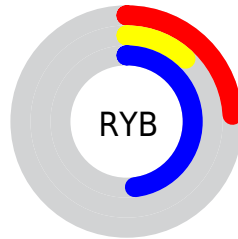
The Hex color **3C1E7B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5D7B1E**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **724DB0**, and **030049** is the 20% darker color. If you saturate the color by 10%, you get **34127B**, and if you desaturate by 10%, it is **442A7B**.

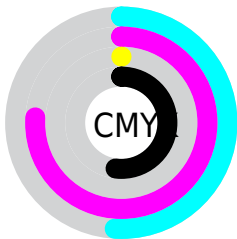
Distribution



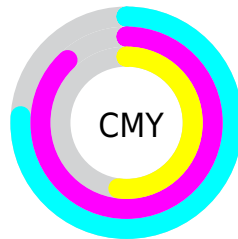
- Red (24%)
- Green (12%)
- Blue (48%)



- Red (24%)
- Yellow (12%)
- Blue (48%)



- Cyan (51%)
- Magenta (76%)
- Yellow (0%)
- Black (52%)



- Cyan (76%)
- Magenta (88%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C1E7B 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 3C1E7B by changing the saturation by 10% instead.

■ 3C1E7B

■ 3C1E7B

FFFFFF

■ 1F0662

■ 724DB0

■ 030049

■ 8D66CC

■ 000432

■ A97FE9

■ 00011C

■ C59AFF

■ 000000

■ E2B5FF

■ FFD1FF

■ FFEDFF

■ 3C1E7B

■ 3C1E7B

■ 34127B

■ 442A7B

■ 2B057B

■ 4D377B

■ 28007B

■ 55437B

■ 5D4F7B

■ 665B7B

■ 6E687B

■ 76747B

■ 7F807B

■ 878D7B

Harmonies

Analogous

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



00368E



3C1E7B



6E0055

Triad

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



3C1E7B



592300



00433F

Complementary

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



3C1E7B



5D7B1E

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.



00420D



3C1E7B



353600

Square

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



3C1E7B



730000



003E00



00446A

Rectangle

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



3C1E7B



7A0038



003E00



00432F

Sweetspot

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



3C1E7B



887CA1



1E5E7B



423B52



D1D1D1



525252

Same Dimension

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



3C1E7B



3E0EA1



6A1E7B



39373D



28007D



5100FC

Inverse Universe

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



7B1E5D



A10E71



2F7B1E



3D373B



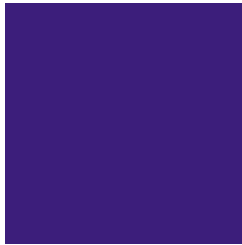
7D0055



FC00AB

Previews

White Background



This preview shows how the Hex color 3C1E7B looks on a white background.

Color Contrast Check

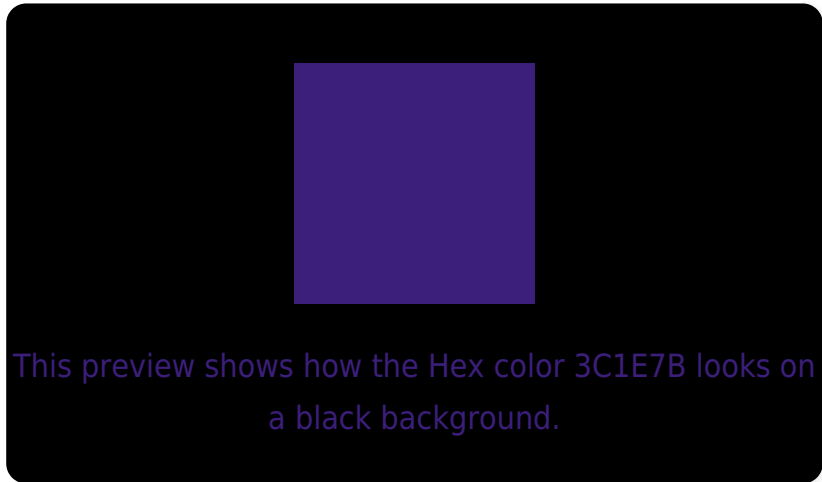
Large Text (above 18pt) WCAG AA ✓ Pass

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

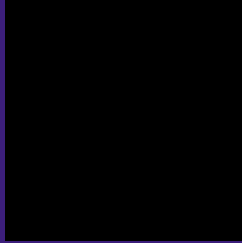
Any Text WCAG AA × Fail

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 3C1E7B Background



This preview shows how black text looks on a background with the Hex color 3C1E7B.



This preview shows how white text looks on a background with the Hex color 3C1E7B.

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](#).

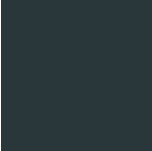
Dichromacy



Original Color
3C1E7B

Protanopia
00326A

Deuteranopia
00355B



Tritanopia
29363A

Trichromacy



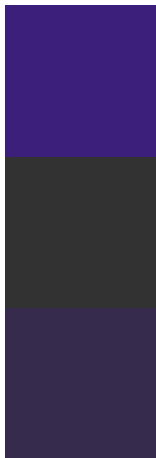
Original Color
3C1E7B

Protanomaly
162B70

Deuteranomaly
162D67

Tritanomaly
302D52

Monochromacy



Original Color
3C1E7B

Achromatopsia
323232

Achromatomaly
362B4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C1E7B 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 #3C1E7B looks like.

```
.text, #text, p{  
    color:#3C1E7B  
}
```

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 #3C1E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C1E7B
}
```

Border

The CSS property to change the border of an element to Hex 3C1E7B 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
#3C1E7B }
```

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

```
.border{ border-color:#3C1E7B }
```

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

Here you see how a box with a 4 pixel #3C1E7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C1E7B; -webkit-box-shadow:4px 4px  
4px 4px #3C1E7B; box-shadow:4px 4px 4px  
4px #3C1E7B }
```

Background

The CSS property to change the background color of an element to Hex 3C1E7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C1E7B }
```

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

```
.background{ background-color:#3C1E7B }
```

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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