

Converting Colors

Hex(3B1B79)

Have a look what the booklet for
Hex(3B1B79) contains.

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Color

Hex(3B1B79)

Conversions

Conversions Part 1

Format	Color
Hex	3B1B79
RGB	59, 27, 121
RGB Percent	23%, 11%, 47%
CMY	0.7686, 0.8941, 0.5255
CMYK	0.51, 0.78, 0.00, 0.53
HSL	260°, 64%, 29%
HSV	260°, 78%, 47%
XYZ	5.6468, 3.0941, 18.3888
YIQ	47.2840, -11.1020, 36.0180

Conversions

Conversions Part 2

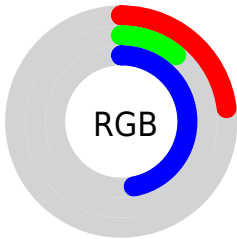
Format	Color
R_{YB}	59, 27, 121
Decimal	3873657
CIE _{Lab}	20.42, 38.13, -47.76
CIE _{LCh}	20, 61.116, 308.601
Yxy	3.0941, 0.2081, 0.1141
Android (android.graphics.Color)	4282063737 (0xFF3B1B79)
YUV	47.2840, 36.3420, 10.2749
Hunter-Lab	17.5902, 26.5187, -49.6686

Details

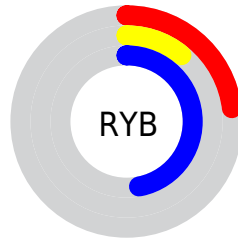
The Hex color **3B1B79** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **59791B**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **714AAE**, and **040047** is the 20% darker color. If you saturate the color by 10%, you get **330F79**, and if you desaturate by 10%, it is **432779**.

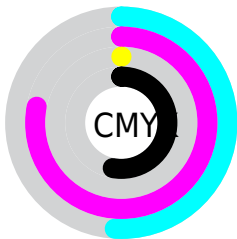
Distribution



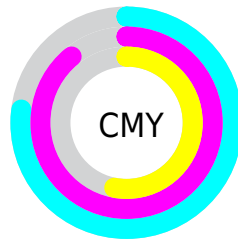
- Red (23%)
- Green (11%)
- Blue (47%)



- Red (23%)
- Yellow (11%)
- Blue (47%)



- Cyan (51%)
- Magenta (78%)
- Yellow (0%)
- Black (53%)



- Cyan (77%)
- Magenta (89%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B1B79 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 3B1B79 by changing the saturation by 10% instead.

■ 3B1B79

■ 3B1B79

FFFFFF

■ 1E0360

■ 714AAE

■ 040047

■ 8C63CA

■ 000430

■ A87CE6

■ 00011A

■ C497FF

■ 000000

■ E1B2FF

■ FFCEFF

■ FFEAFF

■ 3B1B79

■ 3B1B79

■ 330F79

■ 432779

■ 2B0379

■ 4B3379

■ 290079

■ 533F79

■ 5B4B79

■ 635779

■ 6B6479

■ 737079

■ 7B7C79

■ 838879

Harmonies

Analogous

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



00348D



3B1B79



6D0053

Triad

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



3B1B79



572100



00413E

Complementary

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



3B1B79



59791B

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.



00400C



3B1B79



323400

Square

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



3B1B79



710000



003C00



004269

Rectangle

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



3B1B79



790036



003C00



00412E

Sweetspot

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



3B1B79



867A9E



1B5A79



40394F



CFCFCF



4F4F4F

Same Dimension

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



3B1B79



3D0B9E



691B79



39373D



2B007D



5600FC

Inverse Universe

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



791B59



9E0B6C



2B791B



3D373B



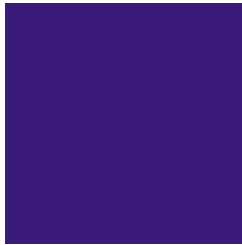
7D0052



FC00A7

Previews

White Background



This preview shows how the Hex color 3B1B79 looks on a white background.

Color Contrast Check

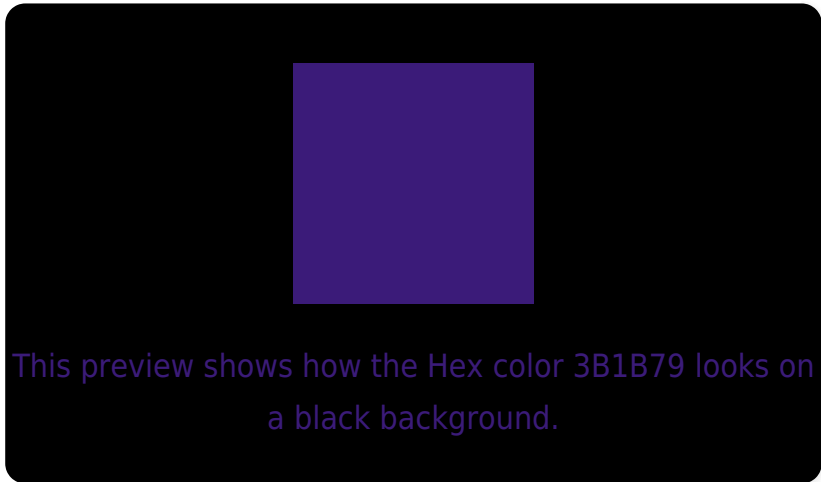
Large Text (above 18pt) WCAG AA ✓ Pass

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

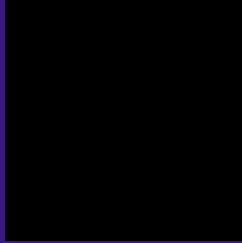
Any Text WCAG AA × Fail

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 3B1B79 Background



This preview shows how black text looks on a background with the Hex color 3B1B79.



This preview shows how white text looks on a background with the Hex color 3B1B79.

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
3B1B79

Protanopia
003066

Deuteranopia
003457



Tritanopia
283438

Trichromacy



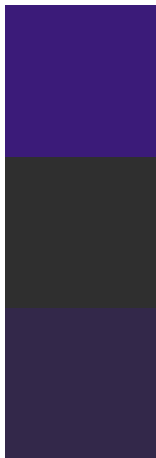
Original Color
3B1B79

Protanomaly
15286D

Deuteranomaly
152B63

Tritanomaly
2F2B50

Monochromacy



Original Color
3B1B79

Achromatopsia
2F2F2F

Achromatomaly
33284A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B1B79 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 #3B1B79 looks like.

```
.text, #text, p{  
    color:#3B1B79  
}
```

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 #3B1B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B1B79
}
```

Border

The CSS property to change the border of an element to Hex 3B1B79 is called "border". The border property can be set on classes, ids or directly on the HTML element.

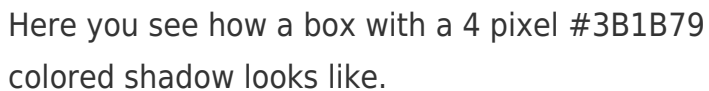
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B1B79 }
```

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

```
.border{ border-color:#3B1B79 }
```

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



Here you see how a box with a 4 pixel #3B1B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B1B79; -webkit-box-shadow:4px 4px  
4px 4px #3B1B79; box-shadow:4px 4px 4px  
4px #3B1B79 }
```

Background

The CSS property to change the background color of an element to Hex 3B1B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B1B79 }
```

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

```
.background{ background-color:#3B1B79 }
```

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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