

Converting Colors

Hex(3B1119)

Have a look what the booklet for
Hex(3B1119) contains.

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Color

Hex(3B1119)

Conversions

Conversions Part 1

Format	Color
Hex	3B1119
RGB	59, 17, 25
RGB Percent	23%, 7%, 10%
CMY	0.7686, 0.9333, 0.9020
CMYK	0.00, 0.71, 0.58, 0.77
HSL	349°, 55%, 15%
HSV	349°, 71%, 23%
XYZ	2.1795, 1.4009, 1.0752
YIQ	30.4700, 22.4640, 11.3920

Conversions

Conversions Part 2

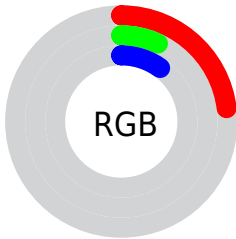
Format	Color
R_{YB}	59, 17, 25
Decimal	3871001
CIE _{Lab}	11.96, 21.52, 5.30
CIE _{LCh}	12, 22.163, 13.848
Yxy	1.4009, 0.4681, 0.3009
Android (android.graphics.Color)	4282061081 (0xFF3B1119)
YUV	30.4700, -2.6967, 25.0208
Hunter-Lab	11.8359, 12.1574, 2.8990




Details

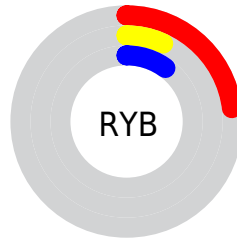
The Hex color **3B1119** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **113B33**, and the grayscale version is **1E1E1E**.




A 20% lighter version of the original color is **6D3E44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B0B14**, and if you desaturate by 10%, it is **3B171E**.

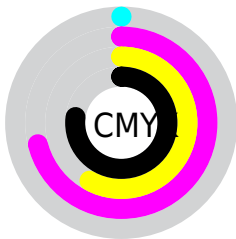
Distribution







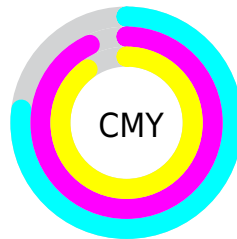
-  Red (23%)
-  Green (7%)
-  Blue (10%)






-  Red (23%)
-  Yellow (7%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (71%)
-  Yellow (58%)
-  Black (77%)



-  Cyan (77%)
-  Magenta (93%)
-  Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B1119 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 3B1119 by changing the saturation by 10% instead.

 3B1119

 3B1119

 FFF6FB

 270000

 6D3E44

 000000

 87555B

 A26E74

 BE888D

 DAA2A8

 F7BDC3

 FFD9DF

 3B1119

 3B1119

■ 3B0B14

■ 3B171E

■ 3B050F

■ 3B1D23

■ 3B000B

■ 3B2327

■ 3B292C

■ 3B2E31

■ 3B3436

■ 3B3A3A

■ 3B403F

■ 3B4644

Harmonies

Analogous

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



371228



3B1119



381507

Triad

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



3B1119



112404



00233D

Complementary

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



3B1119



113B33

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.



002634



3B1119



002616

Square

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



3B1119



222100



002726



0E1F3D

Rectangle

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



3B1119



331900



002726



00243B

Sweetspot

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



3B1119



4D3C3F



33113B



261D1F



A6A6A6



262626

Same Dimension

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



3B1119



4D0B18



3B1E11



1F1C1C



5E0012



DE002A

Inverse Universe

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



3B1119



4D0B18



112E3B



1F1C1C



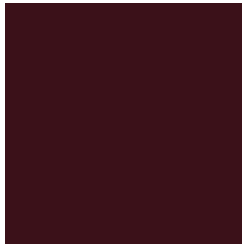
5E0012



DE002A

Previews

White Background



This preview shows how the Hex color 3B1119 looks on a white background.

Color Contrast Check

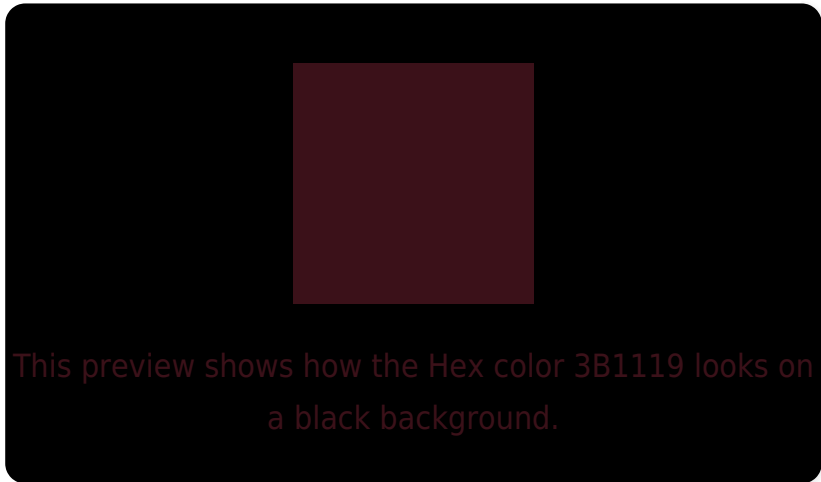
Large Text (above 18pt) WCAG AA ✓ Pass

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

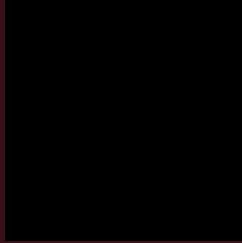
Any Text WCAG AA × Fail

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 3B1119 Background



This preview shows how black text looks on a background with the Hex color 3B1119.

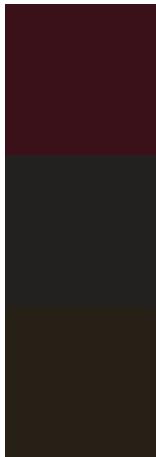


This preview shows how white text looks on a background with the Hex color 3B1119.

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
[3B1119](#)

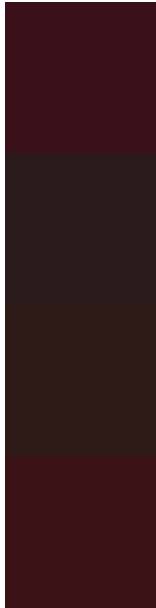
Protanopia
[222120](#)

Deuteranopia
[272017](#)



Tritanopia
3B1213

Trichromacy



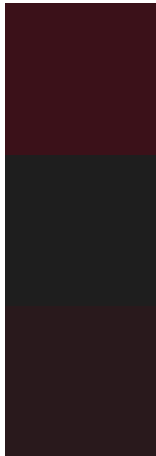
Original Color
3B1119

Protanomaly
2B1B1D

Deuteranomaly
2E1B18

Tritanomaly
3B1215

Monochromacy



Original Color
3B1119

Achromatopsia
1E1E1E

Achromatomaly
29191C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B1119 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 #3B1119 looks like.

```
.text, #text, p{  
    color:#3B1119  
}
```

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 #3B1119 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B1119
}
```

Border

The CSS property to change the border of an element to Hex 3B1119 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".

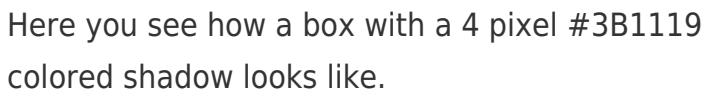
```
.border, #border, table{ border:4px solid
#3B1119 }
```

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

```
.border{ border-color:#3B1119 }
```

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

Here you see how a box with a 4 pixel #3B1119 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #3B1119 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B1119; -webkit-box-shadow:4px 4px  
4px 4px #3B1119; box-shadow:4px 4px 4px  
4px #3B1119 }
```

Background

The CSS property to change the background color of an element to Hex 3B1119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B1119 }
```

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

```
.background{ background-color:#3B1119 }
```

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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