

Converting Colors

Hex(3B1720)

Have a look what the booklet for
Hex(3B1720) contains.

Hex(3B1720)	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(3B1720)

Conversions

Conversions Part 1

Format	Color
Hex	3B1720
RGB	59, 23, 32
RGB Percent	23%, 9%, 13%
CMY	0.7686, 0.9098, 0.8745
CMYK	0.00, 0.61, 0.46, 0.77
HSL	345°, 44%, 16%
HSV	345°, 61%, 23%
XYZ	2.3707, 1.6469, 1.5594
YIQ	34.7900, 18.5670, 10.4310

Conversions

Conversions Part 2

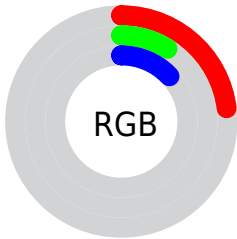
Format	Color
R_{YB}	59, 23, 32
Decimal	3872544
CIE _{Lab}	13.51, 18.88, 2.31
CIE _{LCh}	14, 19.020, 6.990
Yxy	1.6469, 0.4251, 0.2953
Android (android.graphics.Color)	4282062624 (0xFF3B1720)
YUV	34.7900, -1.3755, 21.2322
Hunter-Lab	12.8331, 10.5175, 1.7785

Details

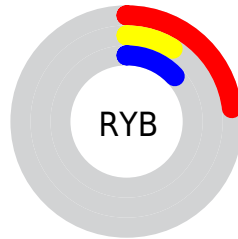
The Hex color **3B1720** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **173B32**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **6C434C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B111C**, and if you desaturate by 10%, it is **3B1D24**.

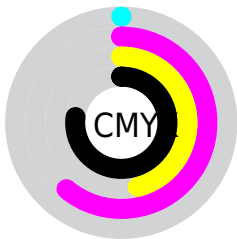
Distribution



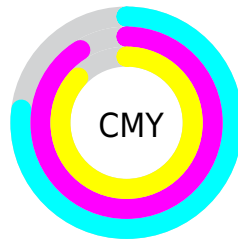
- Red (23%)
- Green (9%)
- Blue (13%)



- Red (23%)
- Yellow (9%)
- Blue (13%)



- Cyan (0%)
- Magenta (61%)
- Yellow (46%)
- Black (77%)



- Cyan (77%)
- Magenta (91%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B1720 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 3B1720 by changing the saturation by 10% instead.

 3B1720

 3B1720

 FFFCFF

 260008

 6C434C

 000000

 865B64

 A1747D

 BC8E96

 D8A8B1

 F5C4CC

 FFE0E9

 3B1720

 3B1720

■ 3B111C

■ 3B1D24

■ 3B0B17

■ 3B2329

■ 3B0513

■ 3B292D

■ 3B000F

■ 3B2F32

■ 3B3536

■ 3B3A3B

■ 3B403F

■ 3B4643

■ 3B4C48

Harmonies

Analogous

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



35192D



3B1720



3A1913

Triad

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



3B1720



1A260B



00273B

Complementary

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



3B1720



173B32

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.



002932



3B1720



052818

Square

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



3B1720



282302



002925



10233D

Rectangle

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



3B1720



361C0A



002925



002839

Sweetspot

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



3B1720



4D3F42



32173B



261E20



A6A6A6



262626

Same Dimension

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



3B1720



4D1523



3B2017



1F1C1C



5E0018



DE0037

Inverse Universe

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



3B1720



4D1523



17323B



1F1C1C



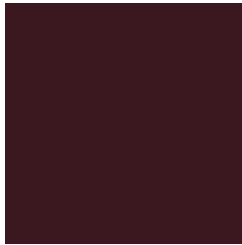
5E0018



DE0037

Previews

White Background



This preview shows how the Hex color 3B1720 looks on a white background.

Color Contrast Check

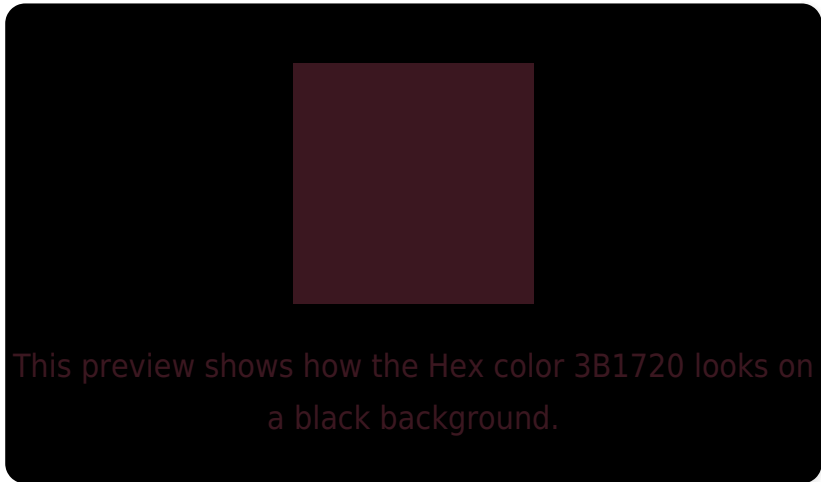
Large Text (above 18pt) WCAG AA ✓ Pass

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

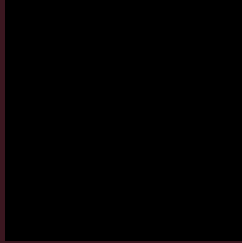
Any Text WCAG AA × Fail

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 3B1720 Background



This preview shows how black text looks on a background with the Hex color 3B1720.



This preview shows how white text looks on a background with the Hex color 3B1720.

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
3B1720

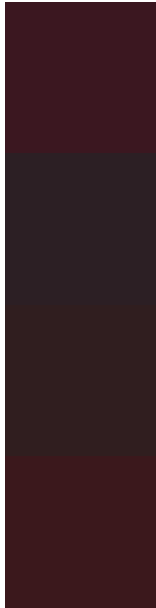
Protanopia
232327

Deuteranopia
29221E



Tritanopia
3B181A

Trichromacy



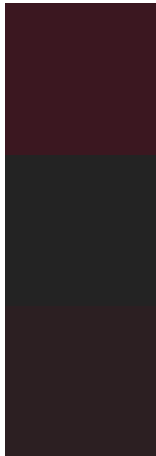
Original Color
3B1720

Protanomaly
2C1F24

Deuteranomaly
301E1F

Tritanomaly
3B181C

Monochromacy



Original Color
3B1720

Achromatopsia
232323

Achromatomaly
2C1F22

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B1720 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 #3B1720 looks like.

```
.text, #text, p{  
    color:#3B1720  
}
```

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 #3B1720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B1720
}
```

Border

The CSS property to change the border of an element to Hex 3B1720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

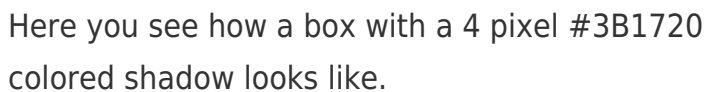
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B1720 }
```

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

```
.border{ border-color:#3B1720 }
```

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



Here you see how a box with a 4 pixel #3B1720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B1720; -webkit-box-shadow:4px 4px  
4px 4px #3B1720; box-shadow:4px 4px 4px  
4px #3B1720 }
```

Background

The CSS property to change the background color of an element to Hex 3B1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B1720 }
```

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

```
.background{ background-color:#3B1720 }
```

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