

Converting Colors

Hex(3A1737)

Have a look what the booklet for
Hex(3A1737) contains.

Hex(3A1737)	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(3A1737)

Conversions

Conversions Part 1

Format	Color
Hex	3A1737
RGB	58, 23, 55
RGB Percent	23%, 9%, 22%
CMY	0.7725, 0.9098, 0.7843
CMYK	0.00, 0.60, 0.05, 0.77
HSL	305°, 43%, 16%
HSV	305°, 60%, 23%
XYZ	2.7409, 1.7882, 3.8151
YIQ	37.1130, 10.5880, 17.3720

Conversions

Conversions Part 2

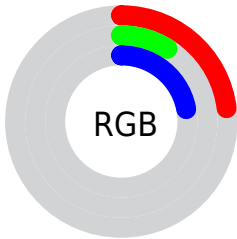
Format	Color
R_{YB}	58, 23, 55
Decimal	3807031
CIE _{Lab}	14.33, 22.58, -13.15
CIE _{LCh}	14, 26.127, 329.791
Yxy	1.7882, 0.3285, 0.2143
Android (android.graphics.Color)	4281997111 (0xFF3A1737)
YUV	37.1130, 8.8183, 18.3179
Hunter-Lab	13.3722, 13.1857, -7.5549

Details

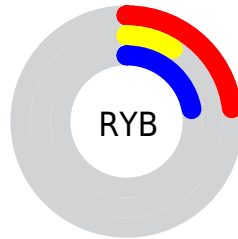
The Hex color **3A1737** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **173A1A**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6A4466**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **3A1137**, and if you desaturate by 10%, it is **3A1D37**.

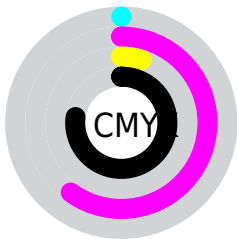
Distribution



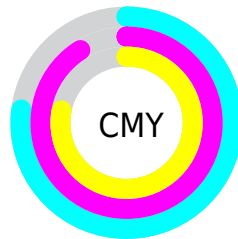
- Red (23%)
- Green (9%)
- Blue (22%)



- Red (23%)
- Yellow (9%)
- Blue (22%)



- Cyan (0%)
- Magenta (60%)
- Yellow (5%)
- Black (77%)



- Cyan (77%)
- Magenta (91%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A1737 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 3A1737 by changing the saturation by 10% instead.

■ 3A1737

■ 3A1737

■ FFFDFF

■ 240022

■ 6A4466

■ 000008

■ 845C7F

■ 000000

■ 9E7599

■ BA8FB4

■ D6A9CF

■ F2C5EC

■ FFE1FF

■ 3A1737

■ 3A1737

■ 3A1137

■ 3A1D37

■ 3A0B36

■ 3A2338

■ 3A0636

■ 3A2838

■ 3A0035

■ 3A2E39

■ 3A3439

■ 3A3A3A

■ 3A403A

■ 3A453B

■ 3A4B3B

Harmonies

Analogous

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



231F44



3A1737



441225

Triad

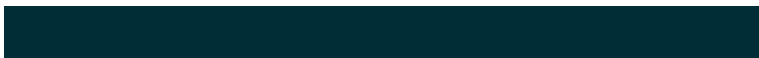
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A1737



2E2300



002D36

Complementary

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



3A1737



173A1A

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.



002D24



3A1737



1D2800

Square

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



3A1737



3C1C00



002B11



002B44

Rectangle

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



3A1737



451319



002B11



002D30

Sweetspot

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



3A1737



4D3F4B



1A173A



261E26



A6A6A6



262626

Same Dimension

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



3A1737



4D1548



3A1726



1C191C



5C0054



DB00C9

Inverse Universe

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



3A1737



4D1548



173A2B



1C191C



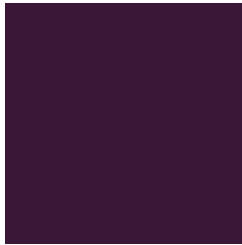
5C0054



DB00C9

Previews

White Background



This preview shows how the Hex color 3A1737 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

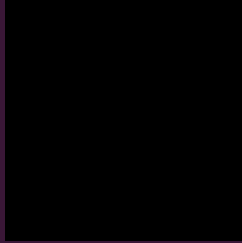
Any Text WCAG AA × Fail

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 3A1737 Background



This preview shows how black text looks on a background with the Hex color 3A1737.



This preview shows how white text looks on a background with the Hex color 3A1737.

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
3A1737

Protanopia
172443

Deuteranopia
202535



Tritanopia
371D20

Trichromacy



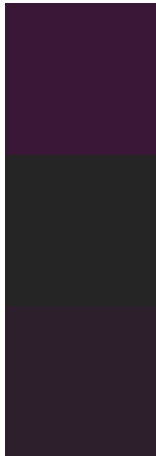
Original Color
3A1737

Protanomaly
241F3F

Deuteranomaly
292036

Tritanomaly
381B28

Monochromacy



Original Color
3A1737

Achromatopsia
252525

Achromatomaly
2D202C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A1737 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 #3A1737 looks like.

```
.text, #text, p{  
    color:#3A1737  
}
```

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 #3A1737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A1737
}
```

Border

The CSS property to change the border of an element to Hex 3A1737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

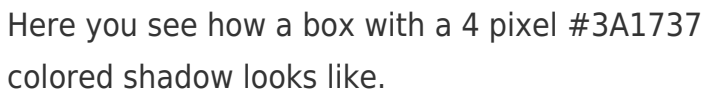
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A1737 }
```

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

```
.border{ border-color:#3A1737 }
```

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



Here you see how a box with a 4 pixel #3A1737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A1737; -webkit-box-shadow:4px 4px  
4px 4px #3A1737; box-shadow:4px 4px 4px  
4px #3A1737 }
```

Background

The CSS property to change the background color of an element to Hex 3A1737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A1737 }
```

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

```
.background{ background-color:#3A1737 }
```

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