

Converting Colors

Hex(3B2137)

Have a look what the booklet for
Hex(3B2137) contains.

Hex(3B2137)	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(3B2137)

Conversions

Conversions Part 1

Format	Color
Hex	3B2137
RGB	59, 33, 55
RGB Percent	23%, 13%, 22%
CMY	0.7686, 0.8706, 0.7843
CMYK	0.00, 0.44, 0.07, 0.77
HSL	309°, 28%, 18%
HSV	309°, 44%, 23%
XYZ	3.0371, 2.2934, 3.8970
YIQ	43.2820, 8.4340, 12.3540

Conversions

Conversions Part 2

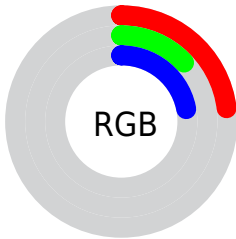
Format	Color
R_{YB}	59, 33, 55
Decimal	3875127
CIE _{Lab}	16.96, 16.61, -9.09
CIE _{LCh}	17, 18.931, 331.311
Yxy	2.2934, 0.3291, 0.2485
Android (android.graphics.Color)	4282065207 (0xFF3B2137)
YUV	43.2820, 5.7770, 13.7847
Hunter-Lab	15.1438, 9.2963, -4.6566

Details

The Hex color **3B2137** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **213B25**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6B4E66**, and **05000A** is the 20% darker color. If you saturate the color by 10%, you get **3B1B36**, and if you desaturate by 10%, it is **3B2738**.

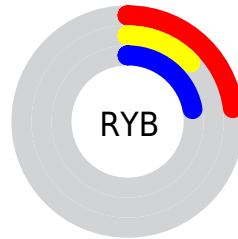
Distribution



Red (23%)

Green (13%)

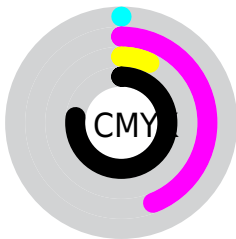
Blue (22%)



Red (23%)

Yellow (13%)

Blue (22%)

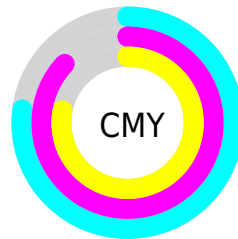


Cyan (0%)

Magenta (44%)

Yellow (7%)

Black (77%)



Cyan (77%)

Magenta (87%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B2137 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 3B2137 by changing the saturation by 10% instead.

■ 3B2137

■ 3B2137

FFFFFF

■ 250C22

■ 6B4E66

■ 05000A

■ 84667F

■ 000000

■ 9F7F99

■ BA99B4

■ D6B4CF

■ F2D0EB

■ FFECFF

■ 3B2137

■ 3B2137

■ 3B1B36

■ 3B2738

■ 3B1535

■ 3B2D39

■ 3B0F34

■ 3B333A

■ 3B0933

■ 3B393B

■ 3B0332

■ 3B3F3C

■ 3B0032

■ 3B443C

■ 3B4A3D

■ 3B503E

■ 3B563F

Harmonies

Analogous

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



2C2641



3B2137



431E2A

Triad

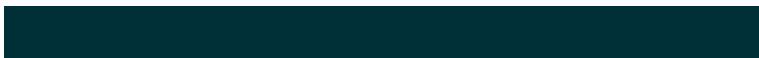
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3B2137



31290D



003037

Complementary

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



3B2137



213B25

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.



00312A



3B2137



232D12

Square

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



3B2137



3C2412



12301C



002F41

Rectangle

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



3B2137



431F21



12301C



003133

Sweetspot

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



3B2137



4D434B



25213B



262025



A6A6A6



262626

Same Dimension

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



3B2137



4D2446



3B212A



1F1C1E



5E0050



DE00BC

Inverse Universe

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



3B2137



4D2446



213B32



1F1C1E



5E0050



DE00BC

Previews

White Background



This preview shows how the Hex color 3B2137 looks on a white background.

Color Contrast Check

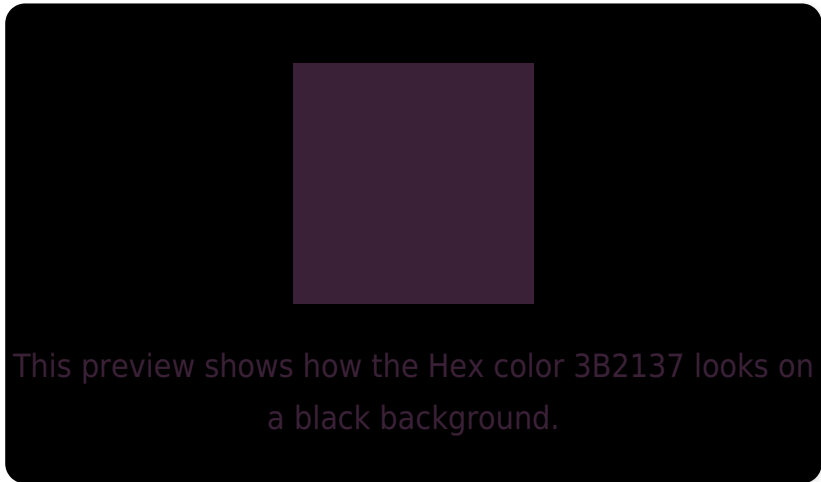
Large Text (above 18pt) WCAG AA ✓ Pass

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

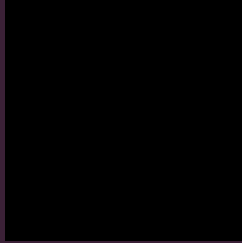
Any Text WCAG AA × Fail

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 3B2137 Background



This preview shows how black text looks on a background with the Hex color 3B2137.



This preview shows how white text looks on a background with the Hex color 3B2137.

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
3B2137

Protanopia
242A3E

Deuteranopia
292935



Tritanopia
392427

Trichromacy



Original Color
3B2137

Protanomaly
2C273B

Deuteranomaly
302636

Tritanomaly
3A232D

Monochromacy



Original Color
3B2137

Achromatopsia
2B2B2B

Achromatomaly
31272F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B2137 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 #3B2137 looks like.

```
.text, #text, p{  
    color:#3B2137  
}
```

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 #3B2137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B2137
}
```

Border

The CSS property to change the border of an element to Hex 3B2137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

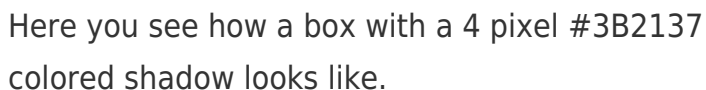
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B2137 }
```

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

```
.border{ border-color:#3B2137 }
```

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



Here you see how a box with a 4 pixel #3B2137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B2137; -webkit-box-shadow:4px 4px  
4px 4px #3B2137; box-shadow:4px 4px 4px  
4px #3B2137 }
```

Background

The CSS property to change the background color of an element to Hex 3B2137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B2137 }
```

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

```
.background{ background-color:#3B2137 }
```

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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