

Converting Colors

Hex(3A1A4B)

Have a look what the booklet for
Hex(3A1A4B) contains.

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Color

Hex(3A1A4B)

Conversions

Conversions Part 1

Format	Color
Hex	3A1A4B
RGB	58, 26, 75
RGB Percent	23%, 10%, 29%
CMY	0.7725, 0.8980, 0.7059
CMYK	0.23, 0.65, 0.00, 0.71
HSL	279°, 49%, 20%
HSV	279°, 65%, 29%
XYZ	3.3843, 2.1463, 6.8925
YIQ	41.1540, 3.3430, 22.0230

Conversions

Conversions Part 2

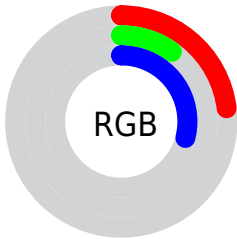
Format	Color
R _{YB}	58, 26, 75
Decimal	3807819
CIE Lab	16.24, 25.54, -24.13
CIE LCh	16, 35.134, 316.630
Yxy	2.1463, 0.2724, 0.1728
Android (android.graphics.Color)	4281997899 (0xFF3A1A4B)
YUV	41.1540, 16.6861, 14.7739
Hunter-Lab	14.6504, 15.5964, -17.6388

Details

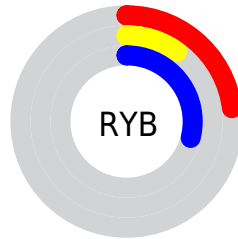
The Hex color **3A1A4B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2B4B1A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **6B477C**, and **04001F** is the 20% darker color. If you saturate the color by 10%, you get **37134B**, and if you desaturate by 10%, it is **3D224B**.

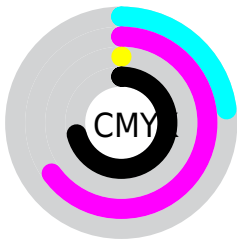
Distribution



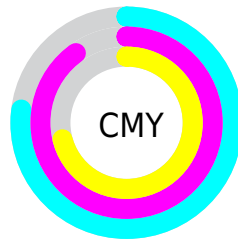
- Red (23%)
- Green (10%)
- Blue (29%)



- Red (23%)
- Yellow (10%)
- Blue (29%)



- Cyan (23%)
- Magenta (65%)
- Yellow (0%)
- Black (71%)



- Cyan (77%)
- Magenta (90%)
- Yellow (71%)
- Black (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A1A4B 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 3A1A4B by changing the saturation by 10% instead.



3A1A4B



3A1A4B

FFFFFF



230434



6B477C



04001F



855F96



000001



9F79B1



000000



BB93CD



D7ADE9



F3C9FF



FFE5FF



3A1A4B



3A1A4B

■ 37134B

■ 3D224B

■ 350B4B

■ 3F294B

■ 32044B

■ 42314B

■ 31004B

■ 44384B

■ 47404B

■ 4A474B

■ 4C4F4B

■ 4F564B

■ 515E4B

Harmonies

Analogous

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



012759



3A1A4B



4F0B35

Triad

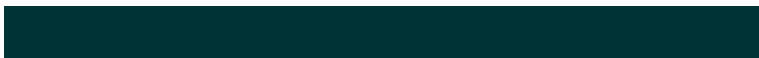
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A1A4B



3C2300



003336

Complementary

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



3A1A4B



2B4B1A

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.



00321C



3A1A4B



262B00

Square

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



3A1A4B



4C1700



053000



00324C

Rectangle

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



3A1A4B



530824



053000



00332D

Sweetspot

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



3A1A4B



5A4E61



1A2B4B



2C2530



B0B0B0



303030

Same Dimension

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



3A1A4B



471561



4B1A44



252226



430066



9600E6

Inverse Universe

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



4B1A2B



611530



1A4B21



262224



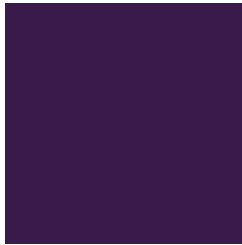
660023



E60050

Previews

White Background



This preview shows how the Hex color 3A1A4B looks on a white background.

Color Contrast Check

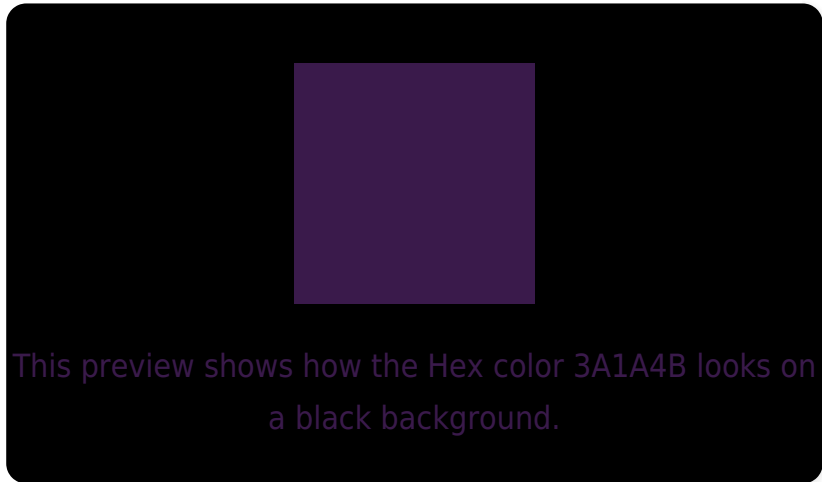
Large Text (above 18pt) WCAG AA ✓ Pass

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

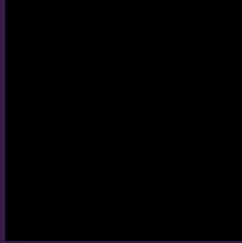
Any Text WCAG AA × Fail

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 3A1A4B Background



This preview shows how black text looks on a background with the Hex color 3A1A4B.



This preview shows how white text looks on a background with the Hex color 3A1A4B.

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](#).

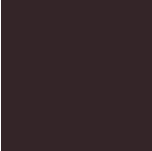
Dichromacy



Original Color
3A1A4B

Protanopia
002854

Deuteranopia
0F2A48



Tritanopia
342528

Trichromacy



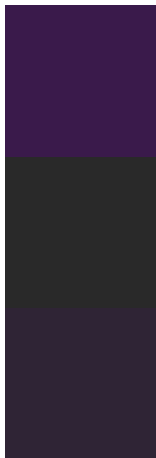
Original Color
3A1A4B

Protanomaly
152351

Deuteranomaly
1F2449

Tritanomaly
362135

Monochromacy



Original Color
3A1A4B

Achromatopsia
292929

Achromatomaly
2F2435

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A1A4B 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 #3A1A4B looks like.

```
.text, #text, p{  
    color:#3A1A4B  
}
```

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 #3A1A4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A1A4B
}
```

Border

The CSS property to change the border of an element to Hex 3A1A4B 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
#3A1A4B }
```

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

```
.border{ border-color:#3A1A4B }
```

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

Here you see how a box with a 4 pixel #3A1A4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A1A4B; -webkit-box-shadow:4px 4px  
4px 4px #3A1A4B; box-shadow:4px 4px 4px  
4px #3A1A4B }
```

Background

The CSS property to change the background color of an element to Hex 3A1A4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A1A4B }
```

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

```
.background{ background-color:#3A1A4B }
```

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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