

Converting Colors

Hex(B21A43)

Have a look what the booklet for
Hex(B21A43) contains.

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Color

Hex(B21A43)

Conversions

Conversions Part 1

Format	Color
Hex	B21A43
RGB	178, 26, 67
RGB Percent	70%, 10%, 26%
CMY	0.3020, 0.8980, 0.7373
CMYK	0.00, 0.85, 0.62, 0.30
HSL	344°, 75%, 40%
HSV	344°, 85%, 70%
XYZ	19.7426, 10.6090, 6.3174
YIQ	76.1220, 77.4310, 44.9750

Conversions

Conversions Part 2

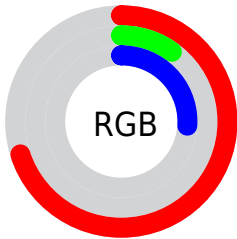
Format	Color
RYB	178, 26, 67
Decimal	11672131
CIELab	38.91, 59.42, 17.25
CIElCh	39, 61.870, 16.192
Yxy	10.6090, 0.5384, 0.2893
Android (android.graphics.Color)	4289862211 (0xFFB21A43)
YUV	76.1220, -4.4971, 89.3470
Hunter-Lab	32.5715, 51.1944, 11.3005

Details

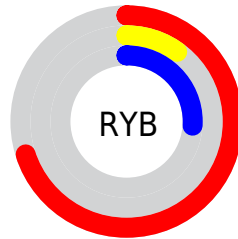
The Hex color **B21A43** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1AB289**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **F05A73**, and **760019** is the 20% darker color. If you saturate the color by 10%, you get **B20836**, and if you desaturate by 10%, it is **B22C50**.

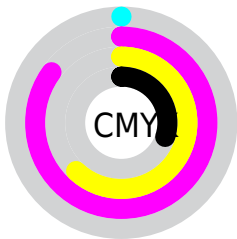
Distribution



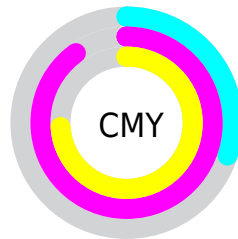
- Red (70%)
- Green (10%)
- Blue (26%)



- Red (70%)
- Yellow (10%)
- Blue (26%)



- Cyan (0%)
- Magenta (85%)
- Yellow (62%)
- Black (30%)



- Cyan (30%)
- Magenta (90%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color B21A43 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 B21A43 by changing the saturation by 10% instead.

 B21A43

 B21A43

FFFFFF

 94002D

 F05A73

 760019

 FF768C

 590000

 FF92A6

 3D0003

 FFAEC1

 180001

 FFCBDD

 000000

 FFE9FA

 B21A43

 B21A43

 B20836

 B22C50

 B20030

 B23E5D

 B24F6A

 B26177

 B27384

 B28591

 B2979E

 B2A8AB

 B2BAB8

Harmonies

Analogous

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



A81F75



B21A43



A33711

Triad

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



B21A43



076B05



0068BE

Complementary

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



B21A43



1AB289

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.



0070A4



B21A43



007042

Square

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



B21A43



576200



007176



0059BD

Rectangle

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



B21A43



8F4900



007176



006CB8

Sweetspot

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



B21A43



E8ACBC



871AB2



75515B



F5F5F5



757575

Same Dimension

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



B21A43



E8003F



B23B1A



595053



990029



1A0007

Inverse Universe

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



B21A43



E8003F



1A91B2



595053



990029



1A0007

Previews

White Background



This preview shows how the Hex color B21A43 looks on a white background.

Color Contrast Check

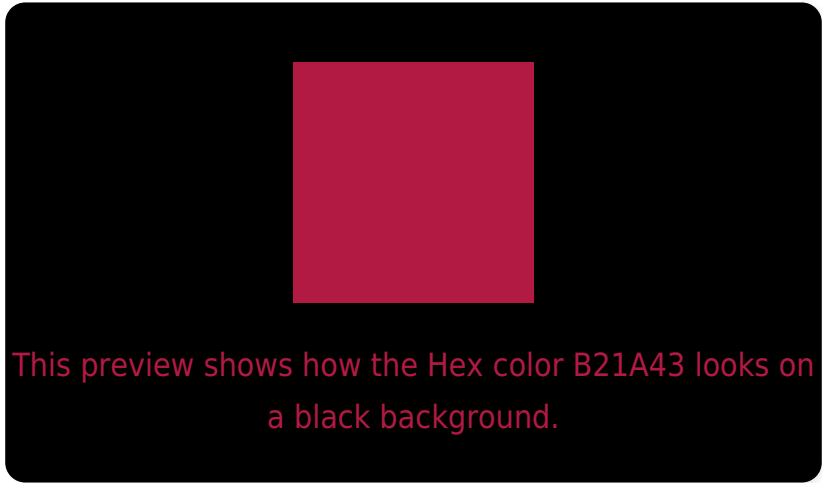
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 B21A43 Background



This preview shows how black text looks on a background with the Hex color B21A43.

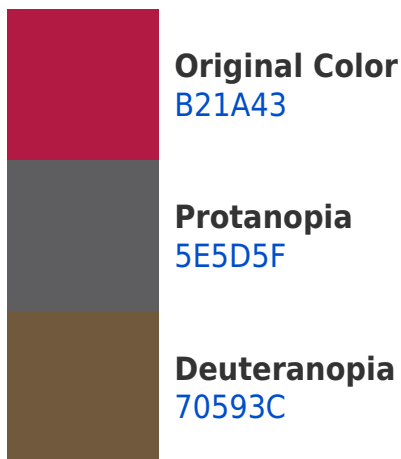


This preview shows how white text looks on a background with the Hex color B21A43.

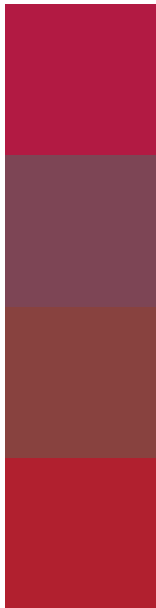
Color Blindness Simulation

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



Trichromacy



Original Color
B21A43

Protanomaly
7D4555

Deuteranomaly
88423F

Tritanomaly
B1202F

Monochromacy



Original Color
B21A43

Achromatopsia
4C4C4C

Achromatomaly
713A49

CSS Examples

Text

The CSS property to change the color of the text to Hex B21A43 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 #B21A43 looks like.

```
.text, #text, p{  
    color:#B21A43  
}
```

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 #B21A43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B21A43
}
```

Border

The CSS property to change the border of an element to Hex B21A43 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".

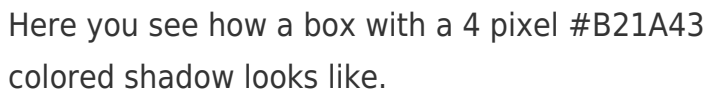
```
.border, #border, table{ border:4px solid
#B21A43 }
```

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

```
.border{ border-color:#B21A43 }
```

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

Here you see how a box with a 4 pixel #B21A43 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges 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 #B21A43 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B21A43; -webkit-box-shadow:4px 4px  
4px 4px #B21A43; box-shadow:4px 4px 4px  
4px #B21A43 }
```

Background

The CSS property to change the background color of an element to Hex B21A43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B21A43 }
```

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

```
.background{ background-color:#B21A43 }
```

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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