

Converting Colors

Hex(B21874)

Have a look what the booklet for
Hex(B21874) contains.

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Color

Hex(B21874)

Conversions

Conversions Part 1

Format	Color
Hex	B21874
RGB	178, 24, 116
RGB Percent	70%, 9%, 45%
CMY	0.3020, 0.9059, 0.5451
CMYK	0.00, 0.87, 0.35, 0.30
HSL	324°, 76%, 40%
HSV	324°, 87%, 70%
XYZ	21.8391, 11.3792, 17.5684
YIQ	80.5340, 62.2520, 61.2600

Conversions

Conversions Part 2

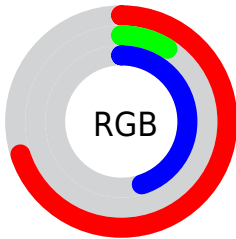
Format	Color
R_{YB}	178, 24, 116
Decimal	11671668
CIE _{Lab}	40.21, 63.95, -11.96
CIE _{LCh}	40, 65.062, 349.404
Yxy	11.3792, 0.4300, 0.2241
Android (android.graphics.Color)	4289861748 (0xFFB21874)
YUV	80.5340, 17.4847, 85.4777
Hunter-Lab	33.7331, 56.5298, -7.2654

Details

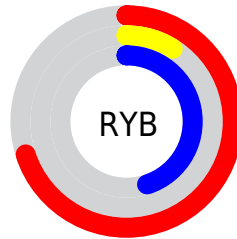
The Hex color **B21874** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **18B256**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **EE5AA8**, and **780044** is the 20% darker color. If you saturate the color by 10%, you get **B2066D**, and if you desaturate by 10%, it is **B22A7B**.

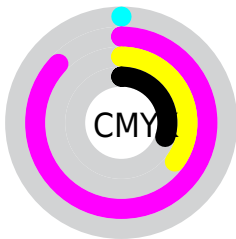
Distribution



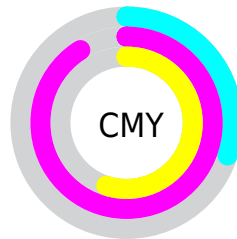
- Red (70%)
- Green (9%)
- Blue (45%)



- Red (70%)
- Yellow (9%)
- Blue (45%)



- Cyan (0%)
- Magenta (87%)
- Yellow (35%)
- Black (30%)



- Cyan (30%)
- Magenta (91%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color B21874 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 B21874 by changing the saturation by 10% instead.

 B21874

 B21874

FFFFFF

 95005B

 EE5AA8

 780044

 FF77C3

 5C002E

 FF94DF

 42001A

 FFB0FC

 230001

 FFCDFD

 000000

 FFE8FF

 B21874

 B21874

 B2066D

 B22A7B

 B2006A

 B23C82

 B24D89

 B25F91

 B27198

 B2839F

 B295A6

 B2A6AD

 B2B8B4

Harmonies

Analogous

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



8A3CA5



B21874



B9193F

Triad

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



B21874



536700



0073AF

Complementary

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



B21874



18B256

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.



007581



B21874



00700B

Square

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



B21874



835600



007449



006BC9

Rectangle

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



B21874



AF301D



007449



0074A2

Sweetspot

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



B21874



E8ACD0



5618B2



755167



F5F5F5



757575

Same Dimension

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



B21874



E8008B



B21827



595056



99005B



1A000F

Inverse Universe

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



B21874



E8008B



18B2A3



595056



99005B



1A000F

Previews

White Background



This preview shows how the Hex color B21874 looks on a white background.

Color Contrast Check

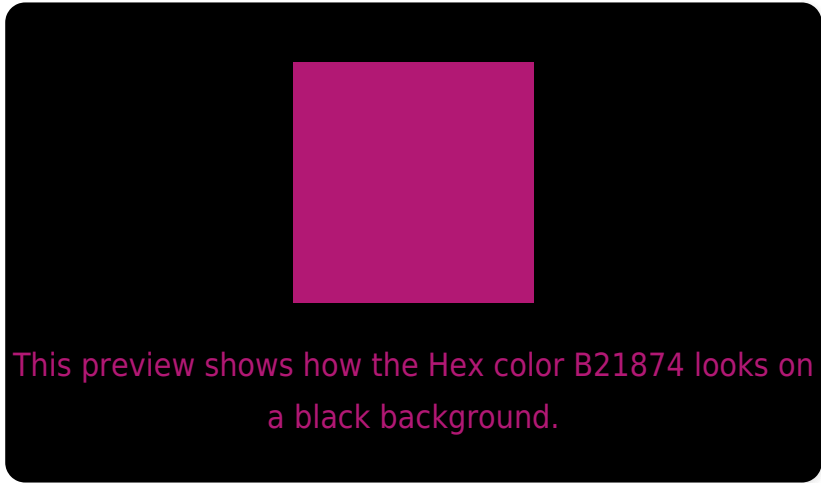
Large Text (above 18pt) WCAG AA ✓ Pass

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 B21874 Background



This preview shows how black text looks on a background with the Hex color B21874.



This preview shows how white text looks on a background with the Hex color B21874.

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



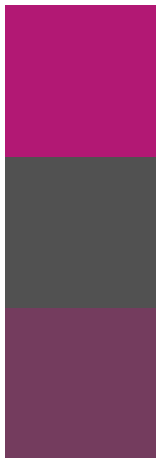
Original Color
B21874

Protanomaly
6C4591

Deuteranomaly
80456F

Tritanomaly
AF294B

Monochromacy



Original Color
B21874

Achromatopsia
515151

Achromatomaly
743C5E

CSS Examples

Text

The CSS property to change the color of the text to Hex B21874 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 #B21874 looks like.

```
.text, #text, p{  
    color:#B21874  
}
```

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 #B21874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B21874
}
```

Border

The CSS property to change the border of an element to Hex B21874 is called "border". The border property can be set on classes, ids or directly on the HTML element.

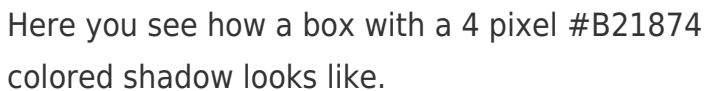
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B21874 }
```

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

```
.border{ border-color:#B21874 }
```

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



Here you see how a box with a 4 pixel #B21874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B21874; -webkit-box-shadow:4px 4px  
4px 4px #B21874; box-shadow:4px 4px 4px  
4px #B21874 }
```

Background

The CSS property to change the background color of an element to Hex B21874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B21874 }
```

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

```
.background{ background-color:#B21874 }
```

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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