

Converting Colors

Hex(BAD221)

Have a look what the booklet for
Hex(BAD221) contains.

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Color

Hex(BAD221)

Conversions

Conversions Part 1

Format	Color
Hex	BAD221
RGB	186, 210, 33
RGB Percent	73%, 82%, 13%
CMY	0.2706, 0.1765, 0.8706
CMYK	0.11, 0.00, 0.84, 0.18
HSL	68°, 73%, 48%
HSV	68°, 84%, 82%
XYZ	43.5708, 56.6421, 10.0754
YIQ	182.6460, 42.5130, -60.1350

Conversions

Conversions Part 2

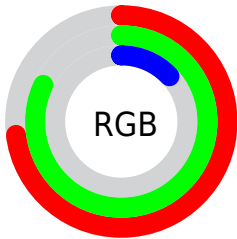
Format	Color
RYB	33, 210, 57
Decimal	12243489
CIELab	79.98, -28.17, 75.02
CIElCh	80, 80.132, 110.582
Yxy	56.6421, 0.3951, 0.5136
Android (android.graphics.Color)	4290433569 (0xFFBAD221)
YUV	182.6460, -73.7755, 2.9415
Hunter-Lab	75.2609, -28.3677, 44.7453

Details

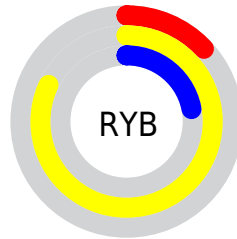
The Hex color **BAD221** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed chartreuse. A complement of this color would be **3921D2**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **F6FF62**, and **809C00** is the 20% darker color. If you saturate the color by 10%, you get **B7D20C**, and if you desaturate by 10%, it is **BDD236**.

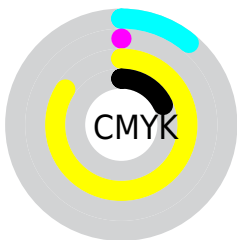
Distribution



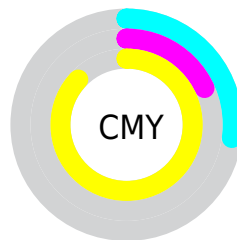
- Red (73%)
- Green (82%)
- Blue (13%)



- Red (13%)
- Yellow (82%)
- Blue (22%)



- Cyan (11%)
- Magenta (0%)
- Yellow (84%)
- Black (18%)



- Cyan (27%)
- Magenta (18%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color BAD221 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 BAD221 by changing the saturation by 10% instead.

 BAD221

 BAD221

FFFFFF

 9DB600

 F6FF62

 809C00

 FFFF7E

 648200

 FFFF9B

 496800

 FFFFFB8

 2C5000

 FFFFFD5

 0E3900

 FFFFFF3

 002400

 000000

 BAD221

 BAD221

 B7D20C

 BDD236

 B6D200

 C0D24B

 C3D260

 C5D275

 C8D28A

 CBD29F

 CED2B4

 D1D2C9

 D4D2DE

Harmonies

Analogous

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



FFBA1A



BAD221



59E161

Triad

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



BAD221



00E4FF



FF7FE1

Complementary

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



BAD221



3921D2

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.



FF9BFF



BAD221



00D6FF

Square

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



BAD221



00E9F9



97BCFF



FF8096

Rectangle

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



BAD221



00E692



97BCFF



FF86FA

Sweetspot

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



BAD221



F6FFBF



D23921



7A8059



000000



808080

Same Dimension

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



BAD221



DCFF00



62D221



67695E



91A800



232900

Inverse Universe

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



3921D2



2300FF



9121D2



605E69



1700A8



060029

Previews

White Background



This preview shows how the Hex color BAD221 looks on a white background.

Color Contrast Check

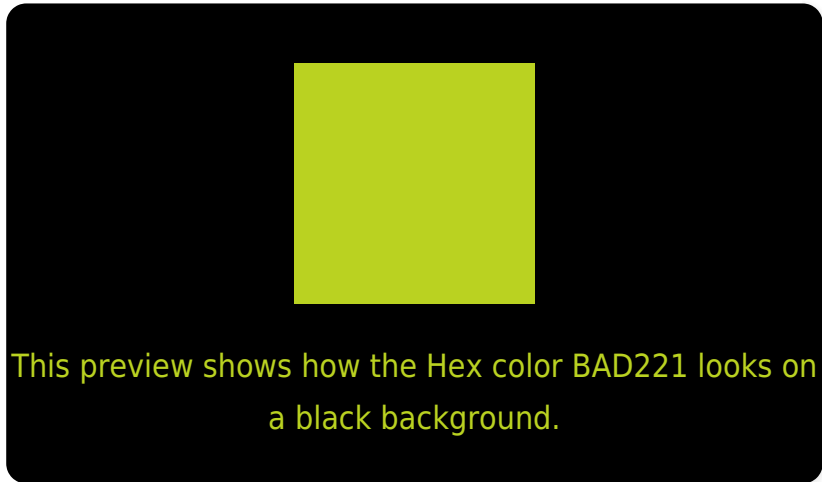
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BAD221 Background



This preview shows how black text looks on a background with the Hex color BAD221.



This preview shows how white text looks on a background with the Hex color BAD221.

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

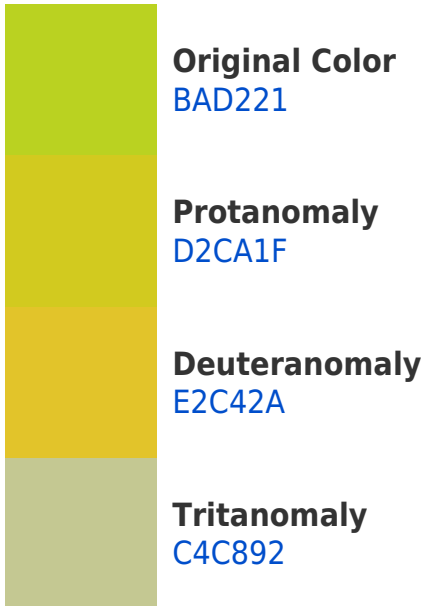


Original Color
BAD221

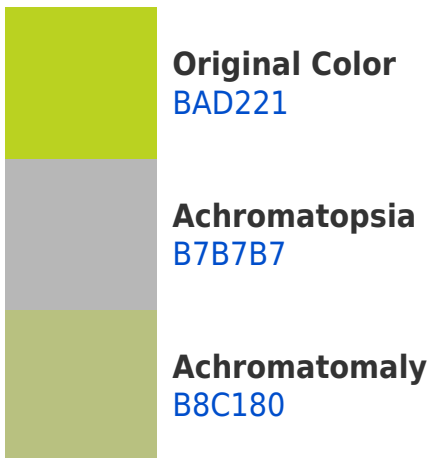
Protanopia
DFC61E

Deuteranopia
F9BC2F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BAD221 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 #BAD221 looks like.

```
.text, #text, p{  
    color:#BAD221  
}
```

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 #BAD221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAD221
}
```

Border

The CSS property to change the border of an element to Hex BAD221 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
#BAD221 }
```

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

```
.border{ border-color:#BAD221 }
```

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

Here you see how a box with a 4 pixel #BAD221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAD221; -webkit-box-shadow:4px 4px  
4px 4px #BAD221; box-shadow:4px 4px 4px  
4px #BAD221 }
```

Background

The CSS property to change the background color of an element to Hex BAD221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAD221 }
```

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

```
.background{ background-color:#BAD221 }
```

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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