

Converting Colors

Hex(BD9A21)

Have a look what the booklet for
Hex(BD9A21) contains.

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Color

Hex(BD9A21)

Conversions

Conversions Part 1

Format	Color
Hex	BD9A21
RGB	189, 154, 33
RGB Percent	74%, 60%, 13%
CMY	0.2588, 0.3961, 0.8706
CMYK	0.00, 0.19, 0.83, 0.26
HSL	47°, 70%, 44%
HSV	47°, 83%, 74%
XYZ	32.8164, 34.0398, 6.2796
YIQ	150.6710, 59.7010, -30.2110

Conversions

Conversions Part 2

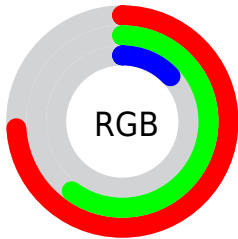
Format	Color
RYB	78, 189, 33
Decimal	12425761
CIELab	64.99, 1.66, 62.37
CIELCh	65, 62.395, 88.479
Yxy	34.0398, 0.4487, 0.4654
Android (android.graphics.Color)	4290615841 (0xFFBD9A21)
YUV	150.6710, -58.0118, 33.6145
Hunter-Lab	58.3437, -1.7010, 34.4591

Details

The Hex color **BD9A21** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2144BD**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F9D05A**, and **836700** is the 20% darker color. If you saturate the color by 10%, you get **BD960E**, and if you desaturate by 10%, it is **BD9E34**.

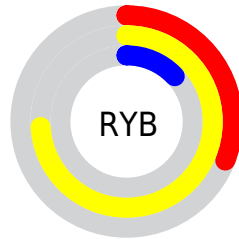
Distribution



Red (74%)

Green (60%)

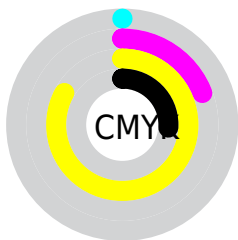
Blue (13%)



Red (31%)

Yellow (74%)

Blue (13%)

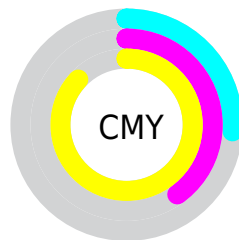


Cyan (0%)

Magenta (19%)

Yellow (83%)

Black (26%)



Cyan (26%)

Magenta (40%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD9A21 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 BD9A21 by changing the saturation by 10% instead.

 BD9A21

 BD9A21

FFFFFF

 A08000

 F9D05A

 836700

 FFEC75

 685000

 FFFF90

 4C3900

 FFFFAC

 322400

 FFFFC8

 190F00

 FFFFE5

 000000

 BD9A21

 BD9A21

 BD960E

 BD9E34

 BD9300

 BDA247

 BDA75A

 BDAB6D

 BDAF80

 BDB392

 BDB8A5

 BDBC8

 BDC0CB

Harmonies

Analogous

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



E8843D



BD9A21



86AA32

Triad

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



BD9A21



00B8D1



DF78D9

Complementary

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



BD9A21



2144BD

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.



9990FF



BD9A21



00B2FC

Square

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



BD9A21



00B899



00A5FF



FF69A3

Rectangle

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



BD9A21



56B14F



00A5FF



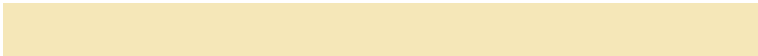
CC80E8

Sweetspot

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



BD9A21



F5E7B8



BD2145



7A7256



FAFAFA



7A7A7A

Same Dimension

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



BD9A21



F5BE02



93BD21



5E5C55



9E7B00



1F1800

Inverse Universe

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



2144BD



0239F5



4B21BD



55575E



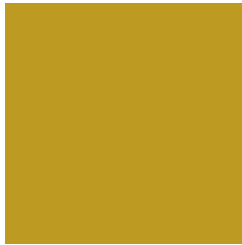
00239E



00071F

Previews

White Background



This preview shows how the Hex color BD9A21 looks on a white background.

Color Contrast Check

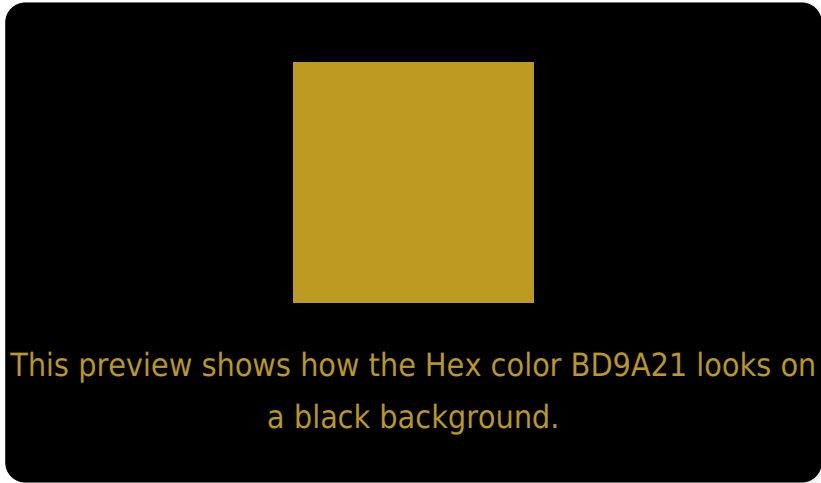
Large Text (above 18pt) WCAG AA × Fail

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 BD9A21 Background



This preview shows how black text looks on a background with the Hex color BD9A21.



This preview shows how white text looks on a background with the Hex color BD9A21.

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
BD9A21

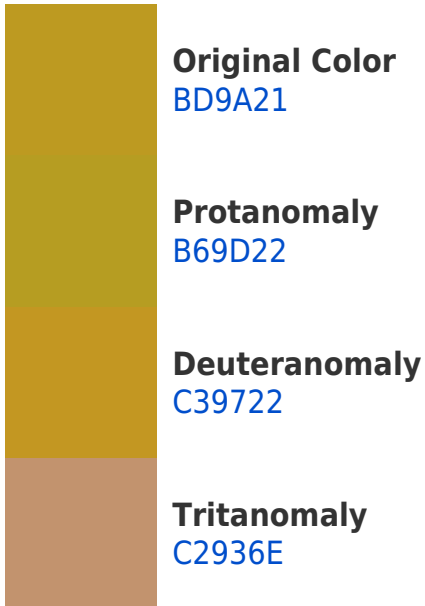
Protanopia
B29E22

Deuteranopia
C79623

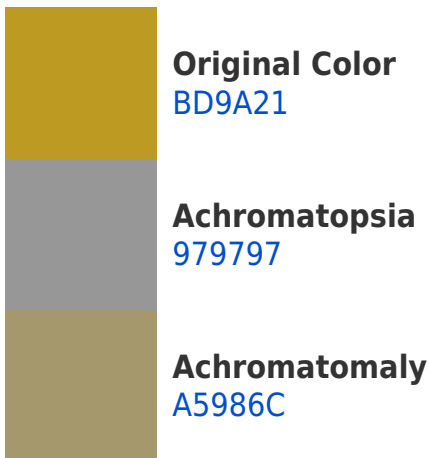


Tritanopia
C58F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD9A21 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 #BD9A21 looks like.

```
.text, #text, p{  
    color:#BD9A21  
}
```

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 #BD9A21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9A21
}
```

Border

The CSS property to change the border of an element to Hex BD9A21 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
#BD9A21 }
```

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

```
.border{ border-color:#BD9A21 }
```

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

Here you see how a box with a 4 pixel #BD9A21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9A21; -webkit-box-shadow:4px 4px  
4px 4px #BD9A21; box-shadow:4px 4px 4px  
4px #BD9A21 }
```

Background

The CSS property to change the background color of an element to Hex BD9A21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9A21 }
```

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

```
.background{ background-color:#BD9A21 }
```

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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