

Converting Colors

Hex(BD9100)

Have a look what the booklet for
Hex(BD9100) contains.

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Color

Hex(BD9100)

Conversions

Conversions Part 1

Format	Color
Hex	BD9100
RGB	189, 145, 0
RGB Percent	74%, 57%, 0%
CMY	0.2588, 0.4314, 1.0000
CMYK	0.00, 0.23, 1.00, 0.26
HSL	46°, 100%, 37%
HSV	46°, 100%, 74%
XYZ	31.1117, 31.0696, 4.3573
YIQ	141.6260, 72.7690, -35.7670

Conversions

Conversions Part 2

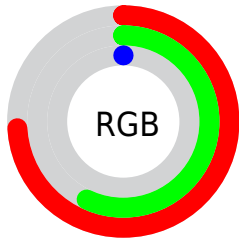
Format	Color
RYB	57, 189, 0
Decimal	12423424
CIELab	62.57, 5.94, 67.05
CIELCh	63, 67.312, 84.939
Yxy	31.0696, 0.4676, 0.4669
Android (android.graphics.Color)	4290613504 (0xFFBD9100)
YUV	141.6260, -69.8216, 41.5470
Hunter-Lab	55.7401, 2.0856, 34.3833

Details

The Hex color **BD9100** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **002CBD**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FAC748**, and **825F00** is the 20% darker color. If you saturate the color by 10%, you get **BD9100**, and if you desaturate by 10%, it is **BD9513**.

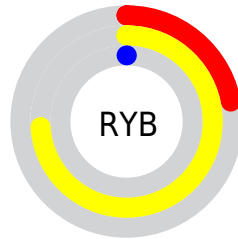
Distribution



Red (74%)

Green (57%)

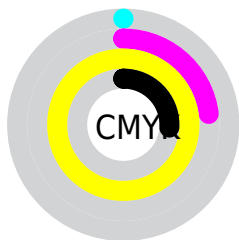
Blue (0%)



Red (22%)

Yellow (74%)

Blue (0%)

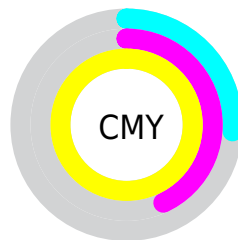


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD9100 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 BD9100 by changing the saturation by 10% instead.

 BD9100

 BD9100

FFFFFF

 9F7800

 FAC748

 825F00

 FFE264

 664800

 FFFF7F

 4A3200

 FFFF9B

 301D00

 FFFFB7

 180400

 FFFFD4

 000000

 FFFFF1

 BD9100

 BD9513

 BD9A26

 BD9E39

 BDA34C

 BDA75F

 BDAB71

 BDB084

 BDB497

 BDB9AA

Harmonies

Analogous

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



E87934



BD9100



84A317

Triad

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



BD9100



00B3C8



D570DD

Complementary

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



BD9100



002CBD

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.



838CFF



BD9100



00AEF9

Square

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



BD9100



00B28B



00A1FF



FC5CA4

Rectangle

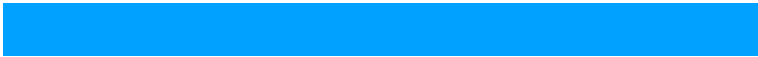
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BD9100



52AB3C



00A1FF



C07AED

Sweetspot

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



BD9100



F5E4AB



BD002C



7A704E



FAFAFA



7A7A7A

Same Dimension

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



BD9100



F5BC00



8BBD00



5E5C55



9E7900



1F1700

Inverse Universe

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



002CBD



0039F5



3200BD



55575E



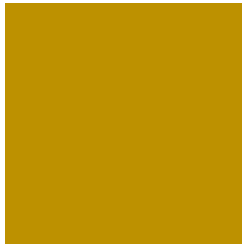
00259E



00071F

Previews

White Background



This preview shows how the Hex color BD9100 looks on a white background.

Color Contrast Check

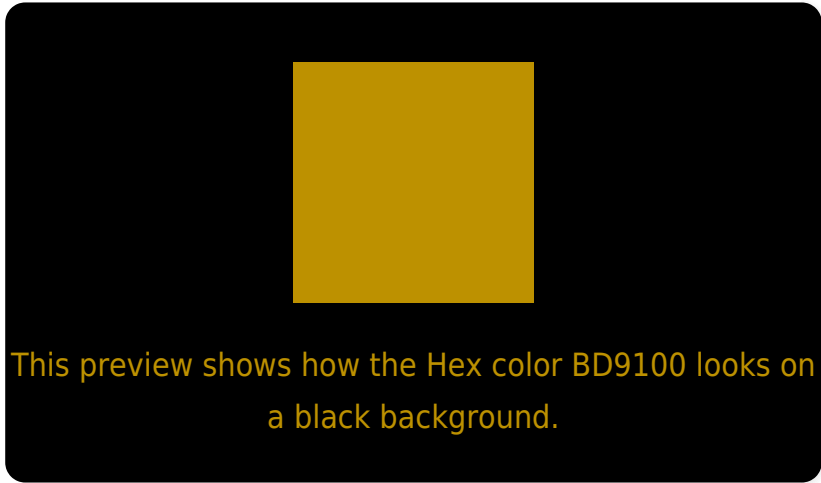
Large Text (above 18pt) WCAG AA × Fail

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 BD9100 Background



This preview shows how black text looks on a background with the Hex color BD9100.



This preview shows how white text looks on a background with the Hex color BD9100.

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
BD9100

Protanopia
AB980A

Deuteranopia
C09008



Tritanopia
C48791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD9100 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 #BD9100 looks like.

```
.text, #text, p{  
    color:#BD9100  
}
```

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 #BD9100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9100
}
```

Border

The CSS property to change the border of an element to Hex BD9100 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
#BD9100 }
```

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

```
.border{ border-color:#BD9100 }
```

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

Here you see how a box with a 4 pixel #BD9100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9100; -webkit-box-shadow:4px 4px  
4px 4px #BD9100; box-shadow:4px 4px 4px  
4px #BD9100 }
```

Background

The CSS property to change the background color of an element to Hex BD9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9100 }
```

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

```
.background{ background-color:#BD9100 }
```

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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