

Converting Colors

Hex(BD9631)

Have a look what the booklet for
Hex(BD9631) contains.

Hex(BD9631)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BD9631)

Conversions

Conversions Part 1

Format	Color
Hex	BD9631
RGB	189, 150, 49
RGB Percent	74%, 59%, 19%
CMY	0.2588, 0.4118, 0.8078
CMYK	0.00, 0.21, 0.74, 0.26
HSL	43°, 59%, 47%
HSV	43°, 74%, 74%
XYZ	32.4470, 32.8533, 7.5369
YIQ	150.1470, 55.6650, -23.1430

Conversions

Conversions Part 2

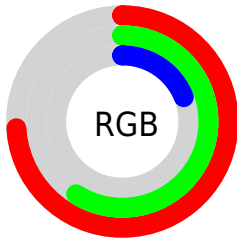
Format	Color
RYB	103, 189, 49
Decimal	12424753
CIELab	64.04, 4.44, 55.88
CIELCh	64, 56.061, 85.458
Yxy	32.8533, 0.4455, 0.4511
Android (android.graphics.Color)	4290614833 (0xFFBD9631)
YUV	150.1470, -49.8655, 34.0741
Hunter-Lab	57.3178, 0.7409, 32.3262

Details

The Hex color **BD9631** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3158BD**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F9CC66**, and **846400** is the 20% darker color. If you saturate the color by 10%, you get **BD911E**, and if you desaturate by 10%, it is **BD9B44**.

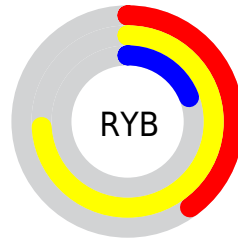
Distribution



Red (74%)

Green (59%)

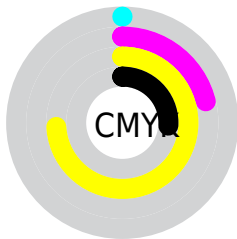
Blue (19%)



Red (40%)

Yellow (74%)

Blue (19%)

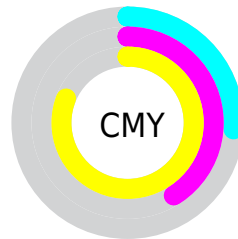


Cyan (0%)

Magenta (21%)

Yellow (74%)

Black (26%)



Cyan (26%)

Magenta (41%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD9631 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 BD9631 by changing the saturation by 10% instead.

 BD9631

 BD9631

FFFFFF

 A07C13

 F9CC66

 846400

 FFE880

 684C00

 FFFF9C

 4D3600

 FFFFB7

 322100

 FFFFD4

 1A0B00

 FFFFF1

 000000

 BD9631

 BD9631

 BD911E

 BD9B44

 BD8B0B

 BDA157

 BD8800

 BDA66A

 BDAB7D

 BDB090

 BDB6A2

 BDBBB5

 BDC0C8

 BDC5DB

Harmonies

Analogous

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



E28349



BD9631



8CA53A

Triad

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



BD9631



00B3C5



D17CD5

Complementary

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



BD9631



3158BD

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.



9091F6



BD9631



00AEED

Square

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



BD9631



00B392



00A3FF



F26FA5

Rectangle

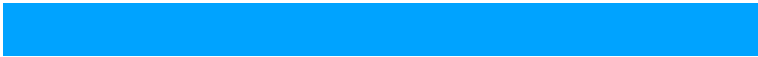
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BD9631



65AC51



00A3FF



BF83E2

Sweetspot

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



BD9631



F5E6BF



BD3159



7A725B



FAFAFA



7A7A7A

Same Dimension

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



BD9631



F5B81B



9FBD31



5E5C55



9E7200



1F1600

Inverse Universe

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



3158BD



1B58F5



4F31BD



55585E



002C9E



00091F

Previews

White Background



This preview shows how the Hex color BD9631 looks on a white background.

Color Contrast Check

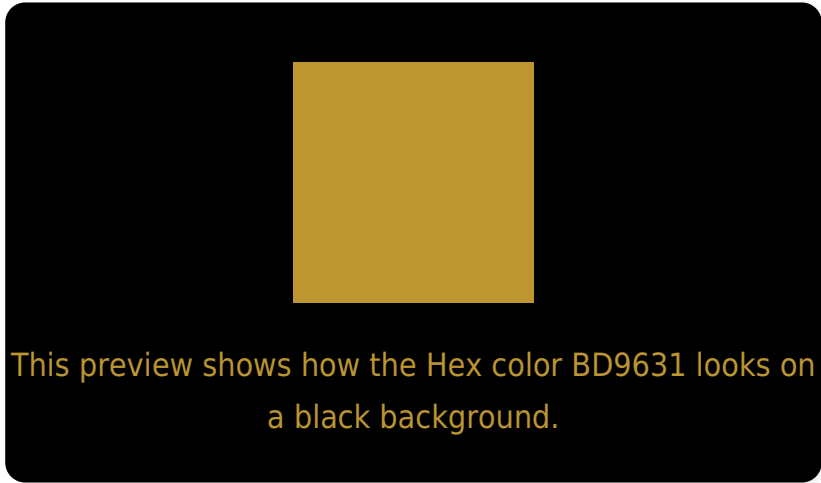
Large Text (above 18pt) WCAG AA × Fail

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 BD9631 Background



This preview shows how black text looks on a background with the Hex color BD9631.



This preview shows how white text looks on a background with the Hex color BD9631.

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
BD9631

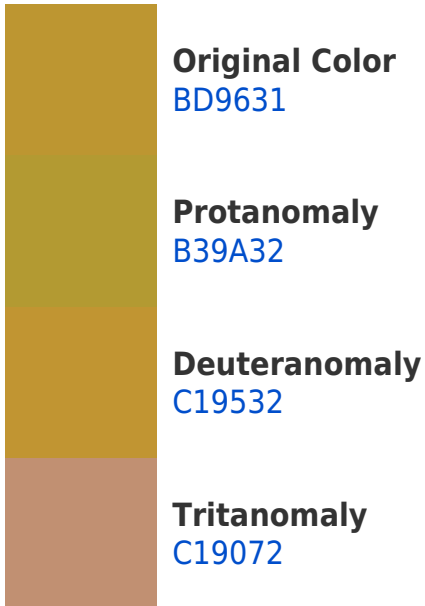
Protanopia
AE9C33

Deuteranopia
C39432

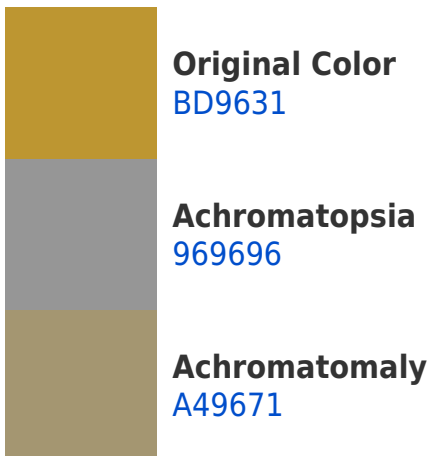


Tritanopia
C48C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD9631 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 #BD9631 looks like.

```
.text, #text, p{  
    color:#BD9631  
}
```

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 #BD9631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9631
}
```

Border

The CSS property to change the border of an element to Hex BD9631 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
#BD9631 }
```

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

```
.border{ border-color:#BD9631 }
```

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

Here you see how a box with a 4 pixel #BD9631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9631; -webkit-box-shadow:4px 4px  
4px 4px #BD9631; box-shadow:4px 4px 4px  
4px #BD9631 }
```

Background

The CSS property to change the background color of an element to Hex BD9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9631 }
```

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

```
.background{ background-color:#BD9631 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor