

# Converting Colors

Hex(BD625C)

Have a look what the booklet for  
Hex(BD625C) contains.

<b>Hex(BD625C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(BD625C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD625C
RGB	189, 98, 92
RGB Percent	74%, 38%, 36%
CMY	0.2588, 0.6157, 0.6392
CMYK	0.00, 0.48, 0.51, 0.26
HSL	4°, 42%, 55%
HSV	4°, 51%, 74%
XYZ	27.2857, 20.3269, 12.6106
YIQ	124.5250, 56.1620, 17.4260

# Conversions

## Conversions Part 2

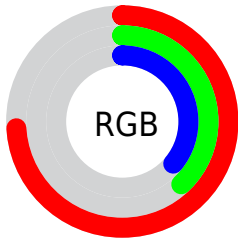
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 98, 92
Decimal	12411484
CIE Lab	52.20, 35.85, 20.11
CIE LCh	52, 41.106, 29.283
Yxy	20.3269, 0.4531, 0.3375
Android (android.graphics.Color)	4290601564 (0xFFBD625C)
YUV	124.5250, -16.0348, 56.5446
Hunter-Lab	45.0854, 29.1291, 14.9761

# Details

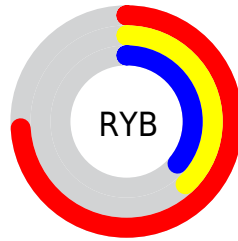
The Hex color **BD625C** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5CB7BD**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **F8968E**, and **84302E** is the 20% darker color. If you saturate the color by 10%, you get **BD5049**, and if you desaturate by 10%, it is **BD746F**.

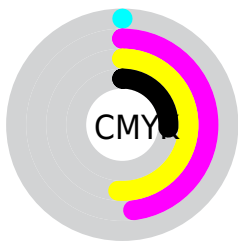
# Distribution



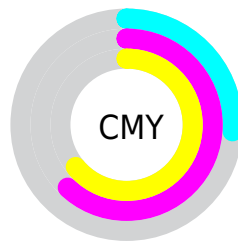
- Red (74%)
- Green (38%)
- Blue (36%)



- Red (74%)
- Yellow (38%)
- Blue (36%)



- Cyan (0%)
- Magenta (48%)
- Yellow (51%)
- Black (26%)



- Cyan (26%)
- Magenta (62%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD625C 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 BD625C by changing the saturation by 10% instead.



 BD625C

 BD625C

FFFFFF

 A04944

 F8968E

 84302E

 FFB2A9

 681619

 FFCEC4

 4D0000

 FFEAE0

 330000

FFFFFFD

 060000

 000000

 BD625C

 BD625C

 BD5049

 BD746F

 BD3F36

 BD8582

 BD2D23

 BD9795

 BD1B10

 BDA9A8

 BD0C00

 BDBBBB

 BDCCCD

 BDDEE0

 BDF0F3

 BDFFFF

# Harmonies

## Analogous

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



BC5F7F



BD625C



AD6D40

# Triad

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



BD625C



418B57



3880C3

# Complementary

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



BD625C



5CB7BD

# 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.



0089B8



BD625C



008E7A

# Square

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



BD625C



6E853C



008E9E



7D74BA

# Rectangle

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



BD625C



9C7636



008E9E



0084C1



# Sweetspot

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



BD625C



F5D2D0



BD5CB8



7A6664



FAFAFA



7A7A7A



# Same Dimension

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



BD625C



F5665D



BD915C



5E5555



9E0A00



1F0200



# Inverse Universe

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



5CB7BD



5DEBF5



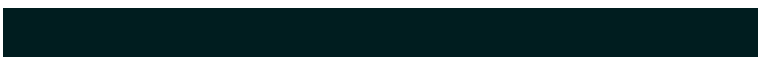
5C88BD



555E5E



00949E

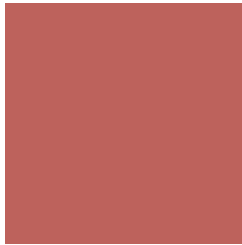


001D1F



# Previews

## White Background



This preview shows how the Hex color BD625C looks on a white background.

## Color Contrast Check

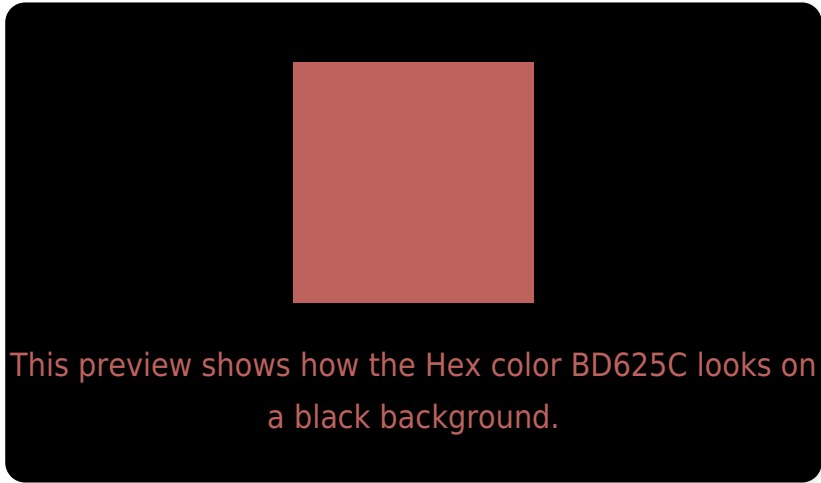
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 × Fail

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



## Hex BD625C Background



This preview shows how black text looks on a background with the Hex color BD625C.



This preview shows how white text looks on a background with the Hex color BD625C.

# 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**  
BD625C

**Protanomaly**  
997364

**Deuteranomaly**  
A47059

**Tritanomaly**  
BE6163

# Monochromacy



**Original Color**  
BD625C

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
947371

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD625C 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 #BD625C looks like.

```
.text, #text, p{  
    color:#BD625C  
}
```

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 #BD625C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD625C
}
```

## Border

The CSS property to change the border of an element to Hex BD625C 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
#BD625C }
```

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

```
.border{ border-color:#BD625C }
```

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

Here you see how a box with a 4 pixel #BD625C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD625C; -webkit-box-shadow:4px 4px  
4px 4px #BD625C; box-shadow:4px 4px 4px  
4px #BD625C }
```

# Background

The CSS property to change the background color of an element to Hex BD625C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD625C }
```

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

```
.background{ background-color:#BD625C }
```

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