

# Converting Colors

Hex(BD4255)

Have a look what the booklet for  
Hex(BD4255) contains.

<b>Hex(BD4255)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(BD4255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD4255
RGB	189, 66, 85
RGB Percent	74%, 26%, 33%
CMY	0.2588, 0.7412, 0.6667
CMYK	0.00, 0.65, 0.55, 0.26
HSL	351°, 48%, 50%
HSV	351°, 65%, 74%
XYZ	24.5742, 15.3711, 10.2661
YIQ	104.9430, 67.2090, 31.9850

# Conversions

## Conversions Part 2

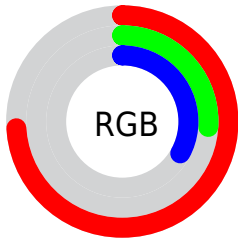
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 66, 85
Decimal	12403285
CIELab	46.14, 50.69, 16.11
CIElCh	46, 53.189, 17.627
Yxy	15.3711, 0.4894, 0.3061
Android (android.graphics.Color)	4290593365 (0xFFBD4255)
YUV	104.9430, -9.8319, 73.7180
Hunter-Lab	39.2060, 43.2725, 11.9192

# Details

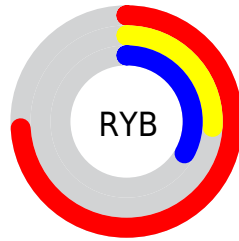
The Hex color **BD4255** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42BDAA**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FA7886**, and **820028** is the 20% darker color. If you saturate the color by 10%, you get **BD2F45**, and if you desaturate by 10%, it is **BD5565**.

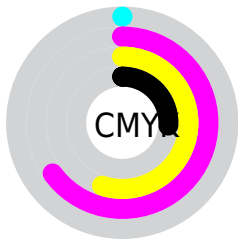
# Distribution



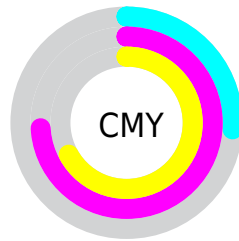
- Red (74%)
- Green (26%)
- Blue (33%)



- Red (74%)
- Yellow (26%)
- Blue (33%)



- Cyan (0%)
- Magenta (65%)
- Yellow (55%)
- Black (26%)



- Cyan (26%)
- Magenta (74%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD4255 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 BD4255 by changing the saturation by 10% instead.



 BD4255

 BD4255

FFFFFF

 9F253E

 FA7886

 820028

 FF94A1

 650014

 FFB0BC

 490000

 FFCCD7

 2E0002

 FFE9F4

 000000

 BD4255

 BD4255

 BD2F45

 BD5565

 BD1C35

 BD6875

 BD0925

 BD7B85

 BD001D

 BD8E95

 BDA1A5

 BDB3B5

 BDC6C5

 BDD9D5

 BDECE5

# Harmonies

## Analogous

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



B44382



BD4255



B0522C

# Triad

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



BD4255



337C2D



0078C4

# Complementary

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



BD4255



42BDAA

# 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.



0080AE



BD4255



008159

# Square

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



BD4255



6A7304



008287



4669C3

# Rectangle

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



BD4255



9E5F14



008287



007BC0



# Sweetspot

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



BD4255



F5C4CB



A942BD



7A5D62



FAFAFA



7A7A7A



# Same Dimension

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



BD4255



F53653



BD6B42



5E5556



9E0018



1F0005



# Inverse Universe

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



BD4255



F53653



4294BD



5E5556



9E0018



1F0005



# Previews

## White Background



This preview shows how the Hex color BD4255 looks on a white background.

## Color Contrast Check

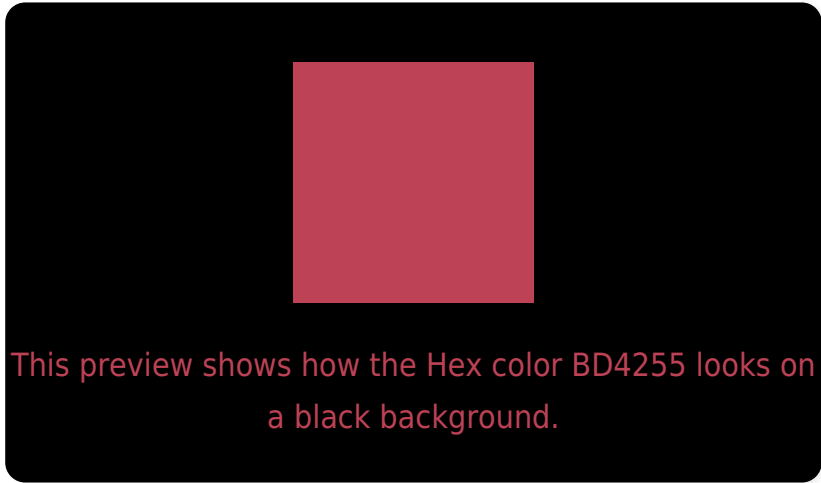
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex BD4255 Background



This preview shows how black text looks on a background with the Hex color BD4255.



This preview shows how white text looks on a background with the Hex color BD4255.

# 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**  
BD4255

**Protanopia**  
716E6A

**Deuteranopia**  
83694F



# Trichromacy



**Original Color**  
BD4255

**Protanomaly**  
8D5E62

**Deuteranomaly**  
985B51

**Tritanomaly**  
BC434D

# Monochromacy



**Original Color**  
BD4255

**Achromatopsia**  
696969

**Achromatomaly**  
885B62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD4255 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 #BD4255 looks like.

```
.text, #text, p{  
  color:#BD4255  
}
```

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 #BD4255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD4255
}
```

## Border

The CSS property to change the border of an element to Hex BD4255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

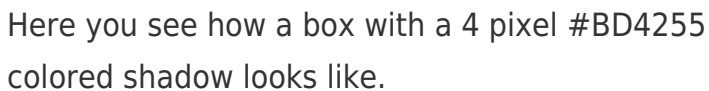
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD4255 }
```

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

```
.border{ border-color:#BD4255 }
```

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



Here you see how a box with a 4 pixel #BD4255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD4255; -webkit-box-shadow:4px 4px  
4px 4px #BD4255; box-shadow:4px 4px 4px  
4px #BD4255 }
```

# Background

The CSS property to change the background color of an element to Hex BD4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD4255 }
```

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

```
.background{ background-color:#BD4255 }
```

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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