

Converting Colors

Hex(BD5683)

Have a look what the booklet for
Hex(BD5683) contains.

Hex(BD5683)	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(BD5683)

Conversions

Conversions Part 1

Format	Color
Hex	BD5683
RGB	189, 86, 131
RGB Percent	74%, 34%, 51%
CMY	0.2588, 0.6627, 0.4863
CMYK	0.00, 0.54, 0.31, 0.26
HSL	334°, 44%, 54%
HSV	334°, 54%, 74%
XYZ	28.4108, 19.1131, 23.6645
YIQ	121.9270, 46.9430, 35.8310

Conversions

Conversions Part 2

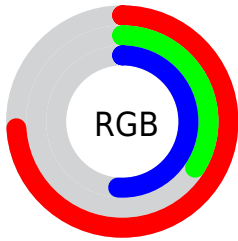
Format	Color
R_{YB}	189, 86, 131
Decimal	12408451
CIE _{Lab}	50.82, 46.30, -5.04
CIE _{LCh}	51, 46.571, 353.785
Yxy	19.1131, 0.3991, 0.2685
Android (android.graphics.Color)	4290598531 (0xFFBD5683)
YUV	121.9270, 4.4730, 58.8230
Hunter-Lab	43.7185, 39.4921, -1.4903

Details

The Hex color **BD5683** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **56BD90**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F88BB8**, and **842052** is the 20% darker color. If you saturate the color by 10%, you get **BD4378**, and if you desaturate by 10%, it is **BD698E**.

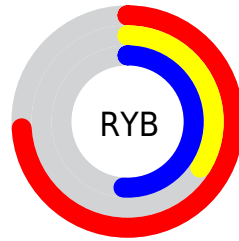
Distribution



Red (74%)

Green (34%)

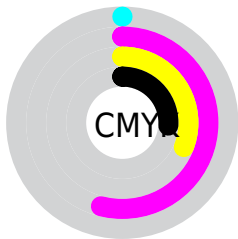
Blue (51%)



Red (74%)

Yellow (34%)

Blue (51%)

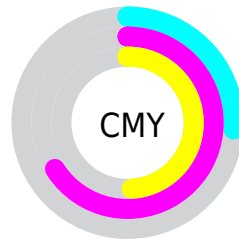


Cyan (0%)

Magenta (54%)

Yellow (31%)

Black (26%)



Cyan (26%)

Magenta (66%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD5683 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 BD5683 by changing the saturation by 10% instead.


 BD5683

 BD5683

FFFFFF

 A03C6A

 F88BB8

 842052

 FFA7D4

 69003B

 FFC3F0

 4E0025

 FFDFFF

 370010

 FFFDFD

 100000

 000000

 BD5683

 BD5683

 BD4378

 BD698E

 BD306E

 BD7C98

 BD1D63

 BD8FA3

 BD0A58

 BDA2AE

 BD0053

 BDB5B8

 BDC7C3

 BDDACD

 BDEDD8

 BDFFE3

Harmonies

Analogous

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



A261A8



BD5683



C1585B

Triad

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



BD5683



70802B



0089B8

Complementary

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



BD5683



56BD90

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.



008C98



BD5683



3E8848

Square

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



BD5683



967425



008C6F



0080C8

Rectangle

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



BD5683



B96044



008C6F



008AAF

Sweetspot

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



BD5683



F5CEDF



8F56BD



7A636D



FAFAFA



7A7A7A

Same Dimension

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



BD5683



F5569B



BD5B56



5E5559



9E0045



1F000D

Inverse Universe

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



BD5683



F5569B



56B8BD



5E5559



9E0045



1F000D

Previews

White Background



This preview shows how the Hex color BD5683 looks on a white background.

Color Contrast Check

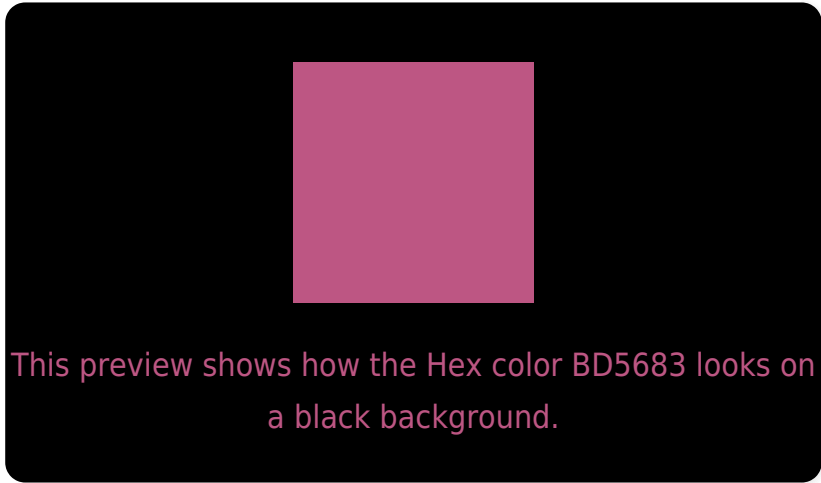
Large Text (above 18pt) WCAG AA ✓ Pass

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

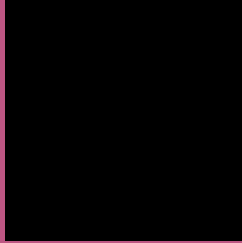
Any Text WCAG AA ✓ Pass

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 BD5683 Background



This preview shows how black text looks on a background with the Hex color BD5683.



This preview shows how white text looks on a background with the Hex color BD5683.

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



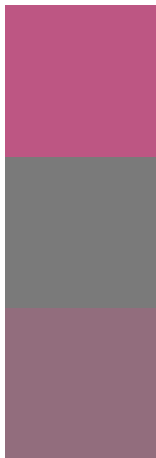
Original Color
BD5683

Protanomaly
8D6C91

Deuteranomaly
986A80

Tritanomaly
BB5A6F

Monochromacy



Original Color
BD5683

Achromatopsia
7A7A7A

Achromatomaly
926D7D

CSS Examples

Text

The CSS property to change the color of the text to Hex BD5683 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 #BD5683 looks like.

```
.text, #text, p{  
    color:#BD5683  
}
```

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 #BD5683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD5683
}
```

Border

The CSS property to change the border of an element to Hex BD5683 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
#BD5683 }
```

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

```
.border{ border-color:#BD5683 }
```

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

Here you see how a box with a 4 pixel #BD5683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD5683; -webkit-box-shadow:4px 4px  
4px 4px #BD5683; box-shadow:4px 4px 4px  
4px #BD5683 }
```

Background

The CSS property to change the background color of an element to Hex BD5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD5683 }
```

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

```
.background{ background-color:#BD5683 }
```

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