

# Converting Colors

Hex(BD5F72)

Have a look what the booklet for  
Hex(BD5F72) contains.

<b>Hex(BD5F72)</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(BD5F72)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD5F72
RGB	189, 95, 114
RGB Percent	74%, 37%, 45%
CMY	0.2588, 0.6275, 0.5529
CMYK	0.00, 0.50, 0.40, 0.26
HSL	348°, 42%, 56%
HSV	348°, 50%, 74%
XYZ	28.1157, 20.2181, 18.3402
YIQ	125.2720, 49.9250, 25.8370

# Conversions

## Conversions Part 2

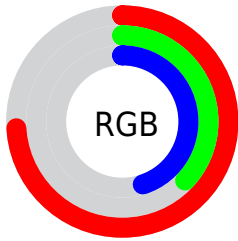
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">189, 95, 114</a>
Decimal	<a href="#">12410738</a>
CIELab	<a href="#">52.08, 39.69, 6.93</a>
CIELCh	<a href="#">52, 40.290, 9.906</a>
Yxy	<a href="#">20.2181, 0.4217, 0.3032</a>
Android (android.graphics.Color)	<a href="#">4290600818</a> ( <a href="#">0xFFBD5F72</a> )
YUV	<a href="#">125.2720, -5.5571, 55.8895</a>
Hunter-Lab	<a href="#">44.9646, 32.9256, 7.2919</a>

# Details

The Hex color **BD5F72** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5FBDAA**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **F894A6**, and **842C42** is the 20% darker color. If you saturate the color by 10%, you get **BD4C63**, and if you desaturate by 10%, it is **BD7281**.

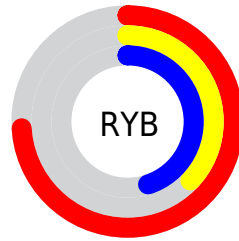
# Distribution



Red (74%)

Green (37%)

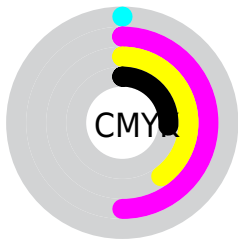
Blue (45%)



Red (74%)

Yellow (37%)

Blue (45%)

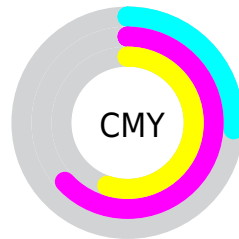


Cyan (0%)

Magenta (50%)

Yellow (40%)

Black (26%)



Cyan (26%)

Magenta (63%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD5F72 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 BD5F72 by changing the saturation by 10% instead.



 BD5F72

 BD5F72

FFFFFF

 A0455A

 F894A6

 842C42

 FFAFC1

 69102C

 FFCBDD

 4E0018

 FFE8F9

 360001

 0E0000

 000000

 BD5F72

 BD5F72

 BD4C63

 BD7281

 BD3954

 BD8590

 BD2645

 BD989F

 BD1336

 BDABAE

 BD0027

 BDBEBD

 BD0026

 BDD0CC

 BDE3DC

 BDF6EB

 BDFFFA

# Harmonies

## Analogous

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



B06395



BD5F72



B86652

# Triad

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



BD5F72



608745



0086BD

# Complementary

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



BD5F72



5FBDA4

# 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.



008CA8



BD5F72



2C8C63

# Square

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



BD5F72



867E35



008E87



567CC0

# Rectangle

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



BD5F72



AC6E41



008E87



0089B7



# Sweetspot

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



BD5F72



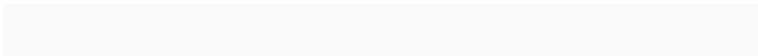
F5D0D8



A95FBD



7A6469



FAFAFA



7A7A7A



# Same Dimension

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



BD5F72



F56280



BD7A5F



5E5557



9E0020



1F0006



# Inverse Universe

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



BD5F72



F56280



5FA2BD



5E5557



9E0020

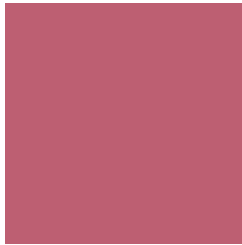


1F0006



# Previews

## White Background



This preview shows how the Hex color BD5F72 looks on a white background.

## Color Contrast Check

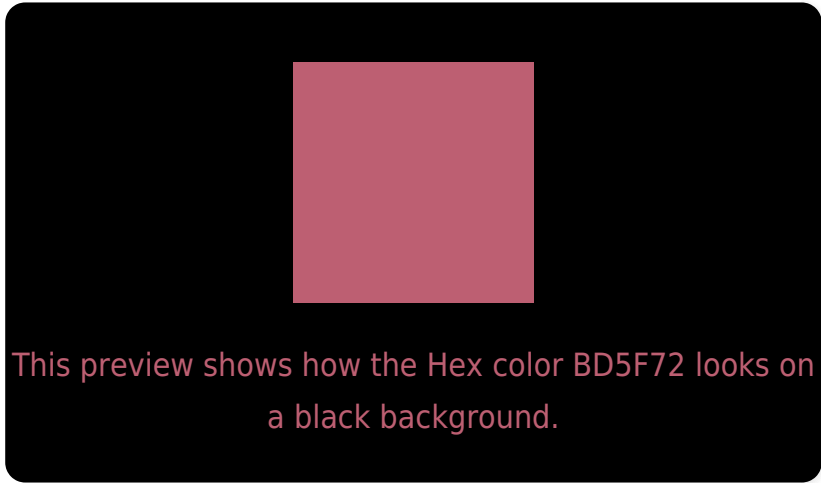
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD5F72 Background



This preview shows how black text looks on a background with the Hex color BD5F72.



This preview shows how white text looks on a background with the Hex color BD5F72.

# 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**  
BD5F72

**Protanomaly**  
94717C

**Deuteranomaly**  
9F6F6F

**Tritanomaly**  
BC606C

# Monochromacy



**Original Color**  
BD5F72

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
947279

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD5F72 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 #BD5F72 looks like.

```
.text, #text, p{  
    color:#BD5F72  
}
```

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 #BD5F72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD5F72
}
```

## Border

The CSS property to change the border of an element to Hex BD5F72 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
#BD5F72 }
```

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

```
.border{ border-color:#BD5F72 }
```

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

Here you see how a box with a 4 pixel #BD5F72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD5F72; -webkit-box-shadow:4px 4px  
4px 4px #BD5F72; box-shadow:4px 4px 4px  
4px #BD5F72 }
```

# Background

The CSS property to change the background color of an element to Hex BD5F72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD5F72 }
```

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

```
.background{ background-color:#BD5F72 }
```

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