

Converting Colors

Hex(BC5680)

Have a look what the booklet for
Hex(BC5680) contains.

Hex(BC5680)	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(BC5680)

Conversions

Conversions Part 1

Format	Color
Hex	BC5680
RGB	188, 86, 128
RGB Percent	74%, 34%, 50%
CMY	0.2627, 0.6627, 0.4980
CMYK	0.00, 0.54, 0.32, 0.26
HSL	335°, 43%, 54%
HSV	335°, 54%, 74%
XYZ	27.9631, 18.9055, 22.5974
YIQ	121.2860, 47.3100, 34.6860

Conversions

Conversions Part 2

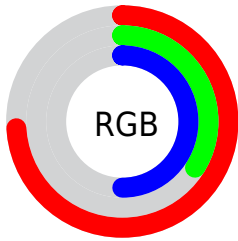
Format	Color
R _Y B	188, 86, 128
Decimal	12342912
CIE Lab	50.58, 45.58, -3.63
CIE LCh	51, 45.723, 355.453
Yxy	18.9055, 0.4025, 0.2722
Android (android.graphics.Color)	4290532992 (0xFFBC5680)
YUV	121.2860, 3.3100, 58.5082
Hunter-Lab	43.4804, 38.7062, -0.3776

Details

The Hex color **BC5680** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **56BC92**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F78BB5**, and **83204F** is the 20% darker color. If you saturate the color by 10%, you get **BC4375**, and if you desaturate by 10%, it is **BC698B**.

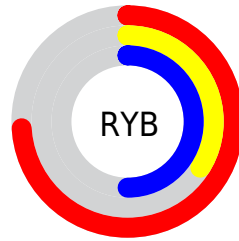
Distribution



Red (74%)

Green (34%)

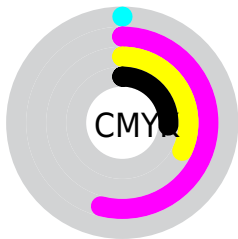
Blue (50%)



Red (74%)

Yellow (34%)

Blue (50%)

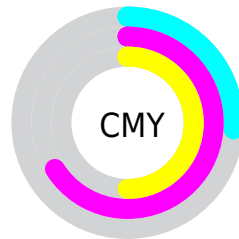


Cyan (0%)

Magenta (54%)

Yellow (32%)

Black (26%)



Cyan (26%)

Magenta (66%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC5680 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 BC5680 by changing the saturation by 10% instead.

 BC5680

 BC5680

FFFFFF

 9F3C67

 F78BB5

 83204F

 FFA7D0

 680038

 FFC3EC

 4D0023

 FFDFFF

 36000D

 FFFCFF

 0D0000

 000000

 BC5680

 BC5680

 BC4375

 BC698B

 BC306A

 BC7C96

 BC1E5F

 BC8EA1

 BC0B54

 BCA1AC

 BC004D

 BCB4B7

 BCC7C2

 BCDACD

 BCECD8

 BCFFE4

Harmonies

Analogous

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



A261A5



BC5680



BF5959

Triad

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



BC5680



6D802D



0087B8

Complementary

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



BC5680



56BC92

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.



008B99



BC5680



3B884A

Square

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



BC5680



937426



008B71



007EC6

Rectangle

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



BC5680



B76142



008B71



0089AF

Sweetspot

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



BC5680



F5CEDE



9256BC



7A636D



F9FAFA



7A7A7A

Same Dimension

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



BC5680



F55697



BC5F56



5E5559



9E0041



1F000D

Inverse Universe

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



BC5680



F55697



56B4BC



5E5559



9E0041



1F000D

Previews

White Background



This preview shows how the Hex color BC5680 looks on a white background.

Color Contrast Check

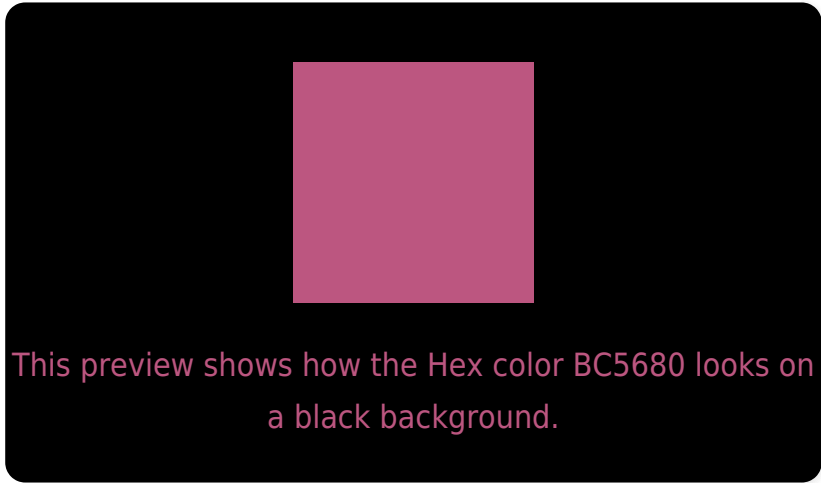
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC5680 Background



This preview shows how black text looks on a background with the Hex color BC5680.



This preview shows how white text looks on a background with the Hex color BC5680.

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
BC5680

Protanopia
727896

Deuteranopia
84757B



Tritanopia
B95C62

Trichromacy



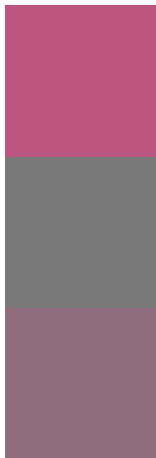
Original Color
BC5680

Protanomaly
8D6C8E

Deuteranomaly
986A7D

Tritanomaly
BA5A6D

Monochromacy



Original Color
BC5680

Achromatopsia
797979

Achromatomaly
916C7C

CSS Examples

Text

The CSS property to change the color of the text to Hex BC5680 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 #BC5680 looks like.

```
.text, #text, p{  
    color:#BC5680  
}
```

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 #BC5680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC5680
}
```

Border

The CSS property to change the border of an element to Hex BC5680 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
#BC5680 }
```

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

```
.border{ border-color:#BC5680 }
```

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

Here you see how a box with a 4 pixel #BC5680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC5680; -webkit-box-shadow:4px 4px  
4px 4px #BC5680; box-shadow:4px 4px 4px  
4px #BC5680 }
```

Background

The CSS property to change the background color of an element to Hex BC5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC5680 }
```

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

```
.background{ background-color:#BC5680 }
```

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