

Converting Colors

Hex(B05C73)

Have a look what the booklet for
Hex(B05C73) contains.

Hex(B05C73)	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(B05C73)

Conversions

Conversions Part 1

Format	Color
Hex	B05C73
RGB	176, 92, 115
RGB Percent	69%, 36%, 45%
CMY	0.3098, 0.6392, 0.5490
CMYK	0.00, 0.48, 0.35, 0.31
HSL	344°, 35%, 53%
HSV	344°, 48%, 69%
XYZ	24.8262, 18.1222, 18.4091
YIQ	119.7380, 42.6810, 24.9610

Conversions

Conversions Part 2

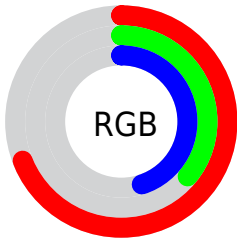
Format	Color
R_{YB}	176, 92, 115
Decimal	11558003
CIE _{Lab}	49.64, 36.67, 2.59
CIE _{LCh}	50, 36.758, 4.037
Yxy	18.1222, 0.4046, 0.2954
Android (android.graphics.Color)	4289748083 (0xFFB05C73)
YUV	119.7380, -2.3358, 49.3418
Hunter-Lab	42.5702, 29.6001, 4.1597

Details

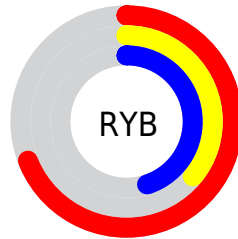
The Hex color **B05C73** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5CB099**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **EA90A7**, and **792A43** is the 20% darker color. If you saturate the color by 10%, you get **B04A66**, and if you desaturate by 10%, it is **B06E80**.

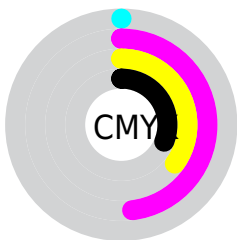
Distribution



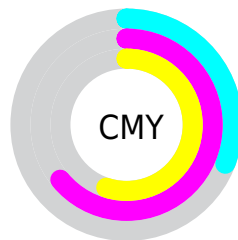
- Red (69%)
- Green (36%)
- Blue (45%)



- Red (69%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (35%)
- Black (31%)



- Cyan (31%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color B05C73 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 B05C73 by changing the saturation by 10% instead.

 B05C73

 B05C73

FFFFFF

 94435B

 EA90A7

 792A43

 FFABC2

 5E0F2D

 FFC7DE

 440019

 FFE4FA

 2E0002

 000000

 B05C73

 B05C73


 B04A66

 B06E80

 B03959

 B07F8D

 B0274D

 B09199

 B01640

 B0A2A6

 B00433

 B0B4B3

 B00030

 B0C6C0

 B0D7CC

 B0E9D9

 B0FAE6

Harmonies

Analogous

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



A06192



B05C73



AF6055

Triad

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



B05C73



647E41



0080AE

Complementary

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



B05C73



5CB099

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.



008598



B05C73



3B845A

Square

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



B05C73



857636



008679



4978B4

Rectangle

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



B05C73



A56744



008679



0082A8

Sweetspot

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



B05C73



E6C5CE



985CB0



735F65



F2F2F2



737373

Same Dimension

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



B05C73



E66387



B06E5C



595053



99002A



1A0007

Inverse Universe

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



B05C73



E66387



5C9EB0



595053



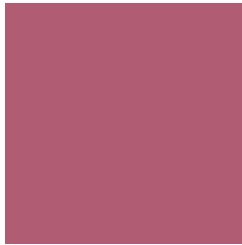
99002A



1A0007

Previews

White Background



This preview shows how the Hex color B05C73 looks on a white background.

Color Contrast Check

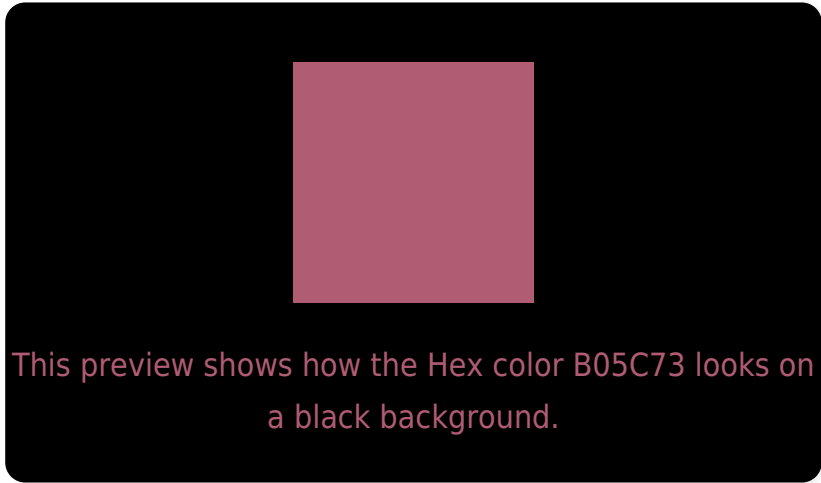
Large Text (above 18pt) WCAG AA ✓ Pass

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

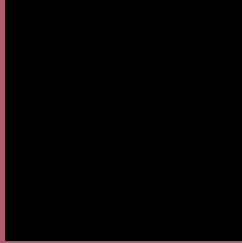
Any Text WCAG AA ✓ Pass

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 B05C73 Background



This preview shows how black text looks on a background with the Hex color B05C73.

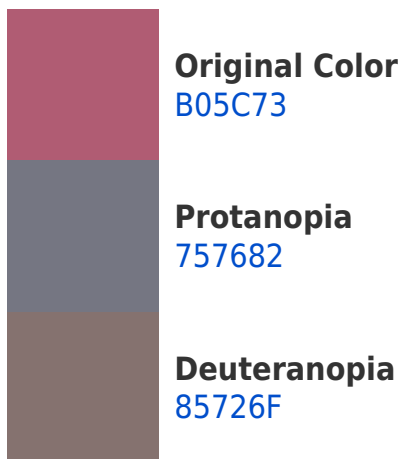



This preview shows how white text looks on a background with the Hex color B05C73.

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





Tritanopia
AF5E65

Trichromacy



Original Color
B05C73

Protanomaly
8A6D7D

Deuteranomaly
956A70

Tritanomaly
AF5D6A

Monochromacy



Original Color
B05C73

Achromatopsia
787878

Achromatomaly
8C6E76

CSS Examples

Text

The CSS property to change the color of the text to Hex B05C73 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 #B05C73 looks like.

```
.text, #text, p{  
    color:#B05C73  
}
```

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 #B05C73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B05C73
}
```

Border

The CSS property to change the border of an element to Hex B05C73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

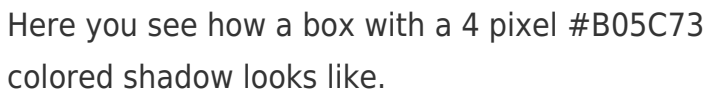
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B05C73 }
```

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

```
.border{ border-color:#B05C73 }
```

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



Here you see how a box with a 4 pixel `#B05C73` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B05C73; -webkit-box-shadow:4px 4px  
4px 4px #B05C73; box-shadow:4px 4px 4px  
4px #B05C73 }
```

Background

The CSS property to change the background color of an element to Hex B05C73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B05C73 }
```

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

```
.background{ background-color:#B05C73 }
```

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