

# Converting Colors

Hex(B53C72)

Have a look what the booklet for  
Hex(B53C72) contains.

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**Color**

**Hex(B53C72)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B53C72
RGB	181, 60, 114
RGB Percent	71%, 24%, 45%
CMY	0.2902, 0.7647, 0.5529
CMYK	0.00, 0.67, 0.37, 0.29
HSL	333°, 50%, 47%
HSV	333°, 67%, 71%
XYZ	23.7092, 14.2704, 17.4244
YIQ	102.3350, 54.7820, 42.4460

# Conversions

## Conversions Part 2

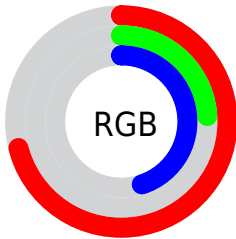
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 60, 114
Decimal	11877490
CIE <sub>Lab</sub>	44.62, 53.46, -4.07
CIE <sub>LCh</sub>	45, 53.617, 355.648
Yxy	14.2704, 0.4279, 0.2576
Android (android.graphics.Color)	4290067570 (0xFFB53C72)
YUV	102.3350, 5.7508, 68.9892
Hunter-Lab	37.7762, 45.9224, -0.9045

# Details

The Hex color **B53C72** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3CB57F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **F073A6**, and **7C0042** is the 20% darker color. If you saturate the color by 10%, you get **B52A68**, and if you desaturate by 10%, it is **B54E7C**.

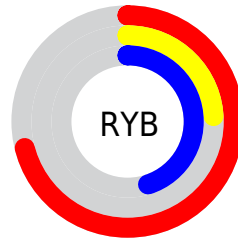
# Distribution



Red (71%)

Green (24%)

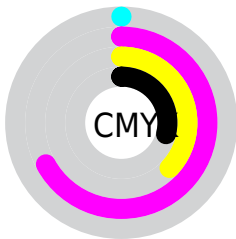
Blue (45%)



Red (71%)

Yellow (24%)

Blue (45%)

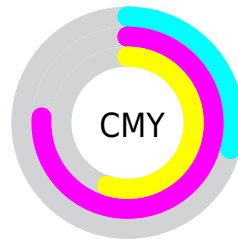


Cyan (0%)

Magenta (67%)

Yellow (37%)

Black (29%)



Cyan (29%)

Magenta (76%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B53C72 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 B53C72 by changing the saturation by 10% instead.



 B53C72

 B53C72

FFFFFF

 981D5A

 F073A6

 7C0042

 FF8EC1

 60002C

 FFAADD

 450018

 FFC7F9

 2B0001

 FFE4FF

 000000

 B53C72

 B53C72

 B52A68

 B54E7C

 B5185E

 B56086

 B50654

 B57290

 B50051

 B5849A

 B597A4

 B5A9AE

 B5BBB8

 B5CDC2

 B5DFCC

# Harmonies

## Analogous

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



994C9D



B53C72



B74046

# Triad

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



B53C72



5A7207



007AB3

# Complementary

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



B53C72



3CB57F

# 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.



007E8F



B53C72



0F7A34

# Square

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



B53C72



846500



007E61



0071C3

# Rectangle

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



B53C72



AD4C2B



007E61



007CA9



# Sweetspot

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



B53C72



EBBCD1



7F3CB5



755966



F5F5F5



757575



# Same Dimension

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



B53C72



EB2F83



B5423C



595054



990044



1A000B



# Inverse Universe

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



B53C72



EB2F83



3CAF85



595054



990044



1A000B



# Previews

## White Background



This preview shows how the Hex color B53C72 looks on a white background.

## Color Contrast Check

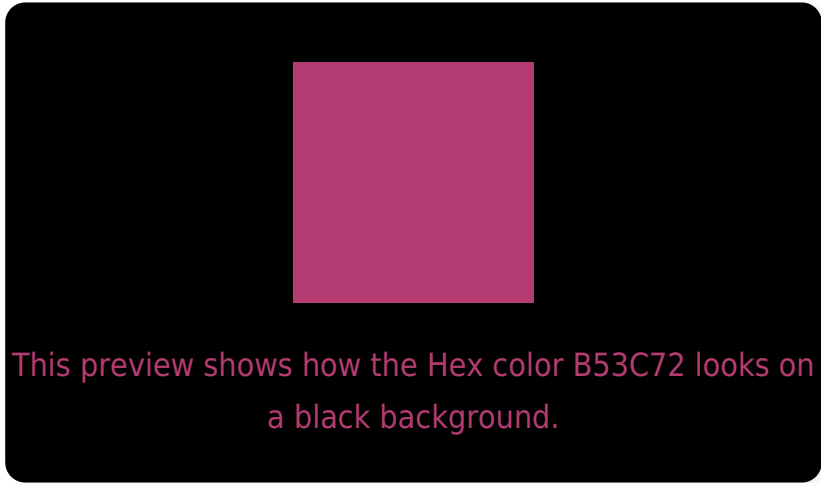
Large Text (above 18pt) WCAG AA ✓ Pass

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 B53C72 Background



This preview shows how black text looks on a background with the Hex color B53C72.



This preview shows how white text looks on a background with the Hex color B53C72.

# 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**  
B2454A

# Trichromacy



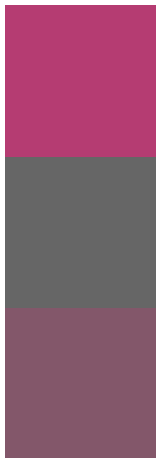
**Original Color**  
B53C72

**Protanomaly**  
7E5984

**Deuteranomaly**  
8C576E

**Tritanomaly**  
B34259

# Monochromacy



**Original Color**  
B53C72

**Achromatopsia**  
666666

**Achromatomaly**  
83576A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B53C72 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 #B53C72 looks like.

```
.text, #text, p{  
    color:#B53C72  
}
```

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 #B53C72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53C72  
}
```

## Border

The CSS property to change the border of an element to Hex B53C72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

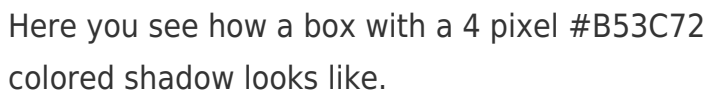
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B53C72 }
```

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

```
.border{ border-color:#B53C72 }
```

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



Here you see how a box with a 4 pixel `#B53C72` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53C72; -webkit-box-shadow:4px 4px  
4px 4px #B53C72; box-shadow:4px 4px 4px  
4px #B53C72 }
```

# Background

The CSS property to change the background color of an element to Hex B53C72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53C72 }
```

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

```
.background{ background-color:#B53C72 }
```

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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