

Converting Colors

Hex(B53170)

Have a look what the booklet for
Hex(B53170) contains.

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Color

Hex(B53170)

Conversions

Conversions Part 1

Format	Color
Hex	B53170
RGB	181, 49, 112
RGB Percent	71%, 19%, 44%
CMY	0.2902, 0.8078, 0.5608
CMYK	0.00, 0.73, 0.38, 0.29
HSL	331°, 57%, 45%
HSV	331°, 73%, 71%
XYZ	23.0790, 13.1902, 16.6588
YIQ	95.6500, 58.4490, 47.5770

Conversions

Conversions Part 2

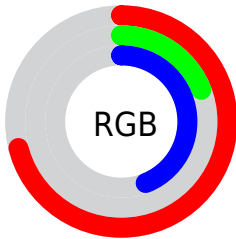
Format	Color
R_{YB}	181, 49, 112
Decimal	11874672
CIE _{Lab}	43.05, 57.41, -5.16
CIE _{LCh}	43, 57.646, 354.863
Yxy	13.1902, 0.4360, 0.2492
Android (android.graphics.Color)	4290064752 (0xFFB53170)
YUV	95.6500, 8.0605, 74.8520
Hunter-Lab	36.3184, 49.8731, -1.7728

Details

The Hex color **B53170** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **31B576**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **F16AA4**, and **7B0040** is the 20% darker color. If you saturate the color by 10%, you get **B51F67**, and if you desaturate by 10%, it is **B54379**.

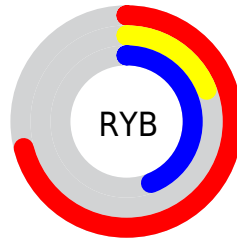
Distribution



Red (71%)

Green (19%)

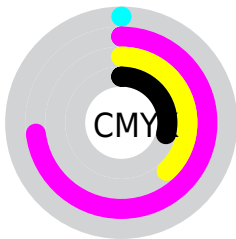
Blue (44%)



Red (71%)

Yellow (19%)

Blue (44%)

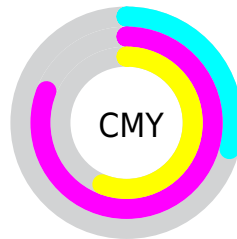


Cyan (0%)

Magenta (73%)

Yellow (38%)

Black (29%)



Cyan (29%)

Magenta (81%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B53170 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 B53170 by changing the saturation by 10% instead.

 B53170

 B53170

FFFFFF

 980958

 F16AA4

 7B0040

 FF86BF

 5F002A

 FFA2DA

 440016

 FFBFF7

 290001

 FFDBFF

 000000

 FFF9FF

 B53170

 B53170

 B51F67

 B54379

 B50D5D

 B55583

 B50056

 B5678C

 B57996

 B58C9F

 B59EA9

 B5B0B2

 B5C2BC

 B5D4C5

Harmonies

Analogous

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



96459D



B53170



B83641

Triad

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



B53170



556F00



0078B3

Complementary

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



B53170



31B576

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.



007B8D



B53170



00772A

Square

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



B53170



826100



007A5C



006EC5

Rectangle

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



B53170



AD4523



007A5C



0079A8

Sweetspot

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



B53170



EBB7D0



7531B5



755765



F5F5F5



757575

Same Dimension

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



B53170



EB1C7F



B53331



595055



990049



1A000C

Inverse Universe

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



B53170



EB1C7F



31B3B5



595055



990049



1A000C

Previews

White Background



This preview shows how the Hex color B53170 looks on a white background.

Color Contrast Check

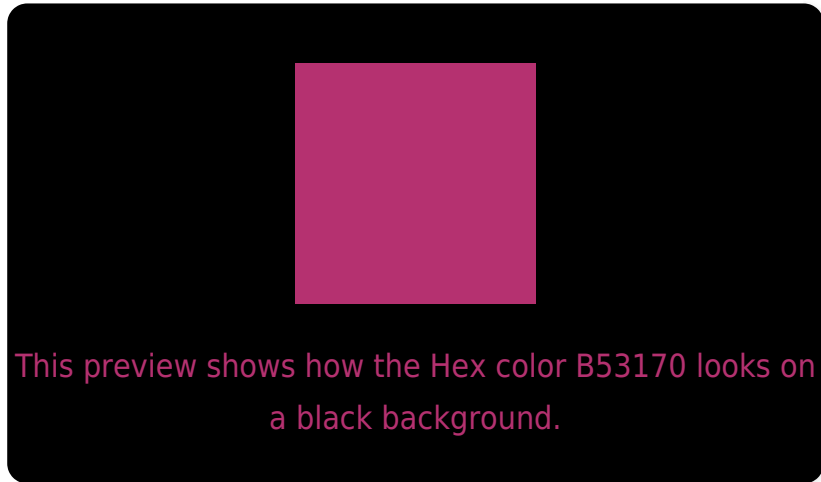
Large Text (above 18pt) WCAG AA ✓ Pass

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

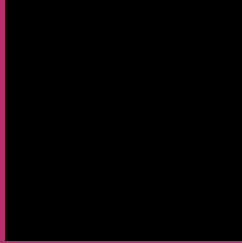
Any Text WCAG AA × Fail

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 B53170 Background



This preview shows how black text looks on a background with the Hex color B53170.



This preview shows how white text looks on a background with the Hex color B53170.

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
B23D41

Trichromacy



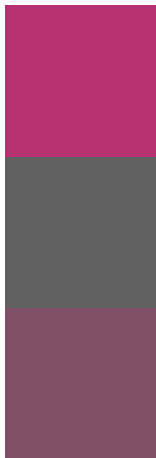
Original Color
B53170

Protanomaly
7A5286

Deuteranomaly
88516C

Tritanomaly
B33952

Monochromacy



Original Color
B53170

Achromatopsia
606060

Achromatomaly
7F4F66

CSS Examples

Text

The CSS property to change the color of the text to Hex B53170 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 #B53170 looks like.

```
.text, #text, p{  
    color:#B53170  
}
```

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 #B53170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53170  
}
```

Border

The CSS property to change the border of an element to Hex B53170 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  
#B53170 }
```

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

```
.border{ border-color:#B53170 }
```

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

Here you see how a box with a 4 pixel #B53170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53170; -webkit-box-shadow:4px 4px  
4px 4px #B53170; box-shadow:4px 4px 4px  
4px #B53170 }
```

Background

The CSS property to change the background color of an element to Hex B53170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53170 }
```

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

```
.background{ background-color:#B53170 }
```

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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