

Converting Colors

Hex(B53268)

Have a look what the booklet for
Hex(B53268) contains.

Hex(B53268)	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(B53268)

Conversions

Conversions Part 1

Format	Color
Hex	B53268
RGB	181, 50, 104
RGB Percent	71%, 20%, 41%
CMY	0.2902, 0.8039, 0.5922
CMYK	0.00, 0.72, 0.43, 0.29
HSL	335°, 57%, 45%
HSV	335°, 72%, 71%
XYZ	22.6953, 13.1044, 14.4299
YIQ	95.3250, 60.7420, 44.5660

Conversions

Conversions Part 2

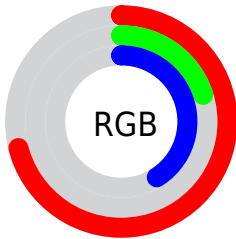
Format	Color
R_{YB}	181, 50, 104
Decimal	11874920
CIE Lab	42.92, 56.23, -0.38
CIE LCh	43, 56.231, 359.611
Yxy	13.1044, 0.4518, 0.2609
Android (android.graphics.Color)	4290065000 (0xFFB53268)
YUV	95.3250, 4.2768, 75.1370
Hunter-Lab	36.2001, 48.5591, 1.7061

Details

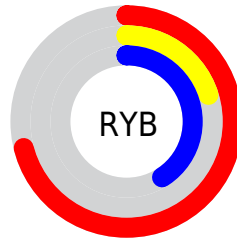
The Hex color **B53268** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **32B57F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **F16B9B**, and **7B0039** is the 20% darker color. If you saturate the color by 10%, you get **B5205D**, and if you desaturate by 10%, it is **B54473**.

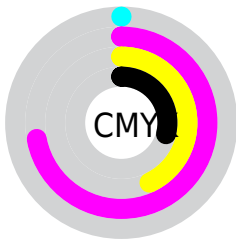
Distribution



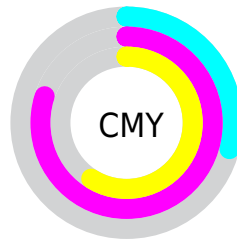
- Red (71%)
- Green (20%)
- Blue (41%)



- Red (71%)
- Yellow (20%)
- Blue (41%)



- Cyan (0%)
- Magenta (72%)
- Yellow (43%)
- Black (29%)



- Cyan (29%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color B53268 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 B53268 by changing the saturation by 10% instead.

 B53268

 B53268

FFFFFF

 980C50

 F16B9B

 7B0039

 FF86B6

 5F0024

 FFA2D1

 44000E

 FFBFEE

 270001

 FFDCFF

 000000

 FFF9FF

 B53268

 B53268

 B5205D

 B54473

 B50E53

 B5567D

 B5004B

 B56888

 B57A93

 B58D9D

 B59FA8

 B5B1B2

 B5C3BD

 B5D5C8

Harmonies

Analogous

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



9C4295



B53268



B43B3A

Triad

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



B53268



4D7000



0076B5

Complementary

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



B53268



32B57F

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.



007A92



B53268



007733

Square

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



B53268



7B6300



007A63



006BC3

Rectangle

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



B53268



A7491E



007A63



0078AC

Sweetspot

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



B53268



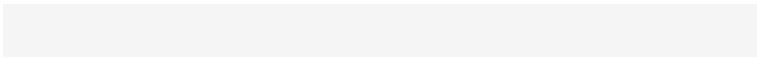
EBB7CC



7E32B5



755763



F5F5F5



757575

Same Dimension

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



B53268



EB1E73



B53D32



595054



99003F



1A000B

Inverse Universe

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



B53268



EB1E73



32AAB5



595054



99003F



1A000B

Previews

White Background



This preview shows how the Hex color B53268 looks on a white background.

Color Contrast Check

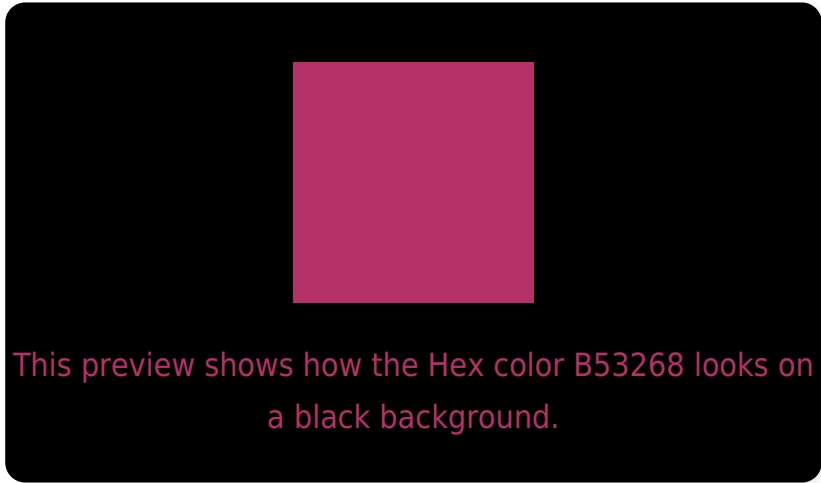
Large Text (above 18pt) WCAG AA ✓ Pass

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 B53268 Background



This preview shows how black text looks on a background with the Hex color B53268.

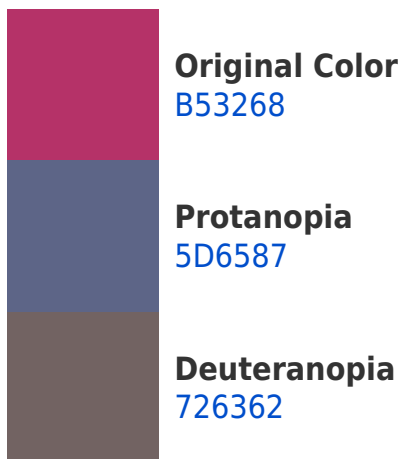


This preview shows how white text looks on a background with the Hex color B53268.

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
B23C3F

Trichromacy



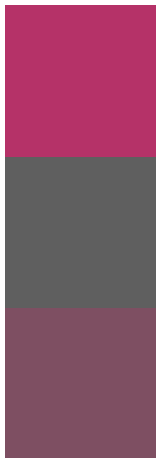
Original Color
B53268

Protanomaly
7D527C

Deuteranomaly
8A5164

Tritanomaly
B3384E

Monochromacy



Original Color
B53268

Achromatopsia
5F5F5F

Achromatomaly
7E4F62

CSS Examples

Text

The CSS property to change the color of the text to Hex B53268 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 #B53268 looks like.

```
.text, #text, p{  
    color:#B53268  
}
```

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 #B53268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53268
}
```

Border

The CSS property to change the border of an element to Hex B53268 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".

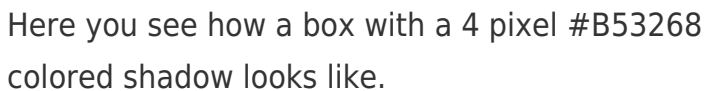
```
.border, #border, table{ border:4px solid
#B53268 }
```

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

```
.border{ border-color:#B53268 }
```

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

Here you see how a box with a 4 pixel #B53268 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53268; -webkit-box-shadow:4px 4px  
4px 4px #B53268; box-shadow:4px 4px 4px  
4px #B53268 }
```

Background

The CSS property to change the background color of an element to Hex B53268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53268 }
```

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

```
.background{ background-color:#B53268 }
```

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