

Converting Colors

Hex(B52386)

Have a look what the booklet for
Hex(B52386) contains.

Hex(B52386)	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(B52386)

Conversions

Conversions Part 1

Format	Color
Hex	B52386
RGB	181, 35, 134
RGB Percent	71%, 14%, 53%
CMY	0.2902, 0.8627, 0.4745
CMYK	0.00, 0.81, 0.26, 0.29
HSL	319°, 68%, 42%
HSV	319°, 81%, 71%
XYZ	23.9602, 12.7471, 23.7518
YIQ	89.9400, 55.2370, 61.7410

Conversions

Conversions Part 2

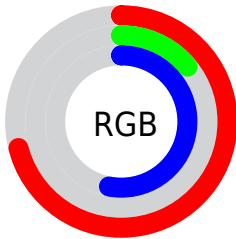
Format	Color
R_{YB}	181, 35, 134
Decimal	11871110
CIE _{Lab}	42.38, 64.22, -19.74
CIE _{LCh}	42, 67.184, 342.913
Yxy	12.7471, 0.3963, 0.2108
Android (android.graphics.Color)	4290061190 (0xFFB52386)
YUV	89.9400, 21.7216, 79.8596
Hunter-Lab	35.7030, 57.3104, -14.4512

Details

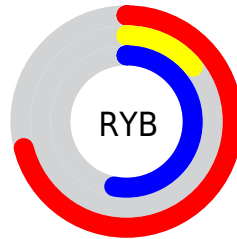
The Hex color **B52386** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **23B552**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F061BB**, and **7B0054** is the 20% darker color. If you saturate the color by 10%, you get **B51180**, and if you desaturate by 10%, it is **B5358C**.

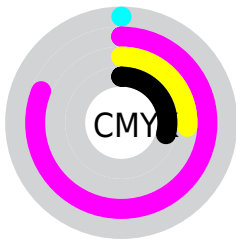
Distribution



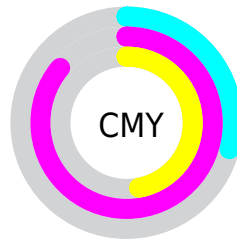
- Red (71%)
- Green (14%)
- Blue (53%)



- Red (71%)
- Yellow (14%)
- Blue (53%)



- Cyan (0%)
- Magenta (81%)
- Yellow (26%)
- Black (29%)



- Cyan (29%)
- Magenta (86%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B52386 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 B52386 by changing the saturation by 10% instead.

 B52386

 B52386

FFFFFF

 98006D

 F061BB

 7B0054

 FF7ED7

 5F003D

 FF9AF4

 450027

 FFB7FF

 290010

 FFD4FF

 000000

 FFF2FF

 B52386

 B52386

 B51180

 B5358C

 B5007B

 B54792

 B55997

 B56B9D

 B57EA3

 B590A9

 B5A2AF

 B5B4B5

 B5C6BA

Harmonies

Analogous

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



8248B6



B52386



C3154F

Triad

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



B52386



646900



007AAF

Complementary

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



B52386



23B552

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.



007C7B



B52386



197400

Square

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



B52386



935600



007A41



0073CF

Rectangle

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



B52386



BD2C2B



007A41



007B9F

Sweetspot

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



B52386



EBB2D8



5123B5



75536A



F5F5F5



757575

Same Dimension

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



B52386



EB07A1



B5233E



595056



990068



1A0011

Inverse Universe

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



B52386



EB07A1



23B59A



595056



990068



1A0011

Previews

White Background



This preview shows how the Hex color B52386 looks on a white background.

Color Contrast Check

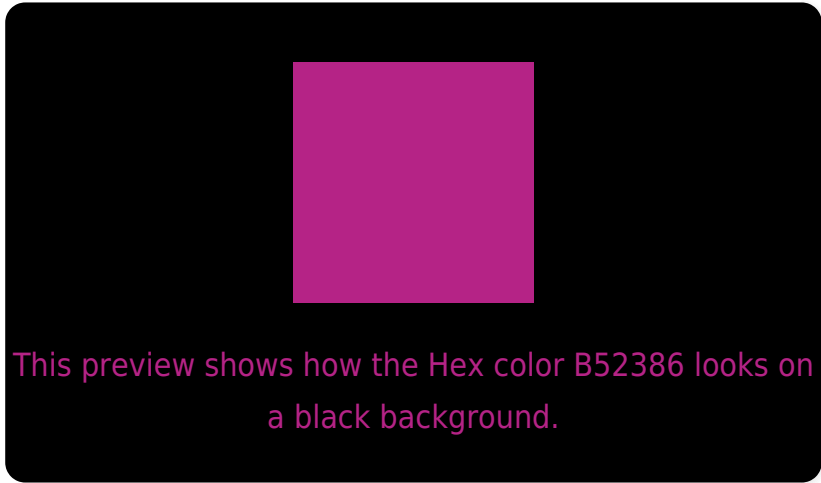
Large Text (above 18pt) WCAG AA ✓ Pass

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 B52386 Background



This preview shows how black text looks on a background with the Hex color B52386.

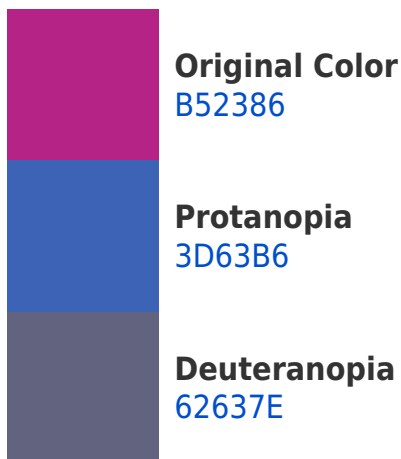


This preview shows how white text looks on a background with the Hex color B52386.

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



Trichromacy



Original Color
B52386



Protanomaly
694CA5



Deuteranomaly
804C81



Tritanomaly
B23359

Monochromacy



Original Color
B52386



Achromatopsia
5A5A5A



Achromatomaly
7B466A

CSS Examples

Text

The CSS property to change the color of the text to Hex B52386 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 #B52386 looks like.

```
.text, #text, p{  
    color:#B52386  
}
```

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 #B52386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B52386
}
```

Border

The CSS property to change the border of an element to Hex B52386 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
#B52386 }
```

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

```
.border{ border-color:#B52386 }
```

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

Here you see how a box with a 4 pixel #B52386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B52386; -webkit-box-shadow:4px 4px  
4px 4px #B52386; box-shadow:4px 4px 4px  
4px #B52386 }
```

Background

The CSS property to change the background color of an element to Hex B52386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B52386 }
```

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

```
.background{ background-color:#B52386 }
```

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