

Converting Colors

Hex(B52471)

Have a look what the booklet for
Hex(B52471) contains.

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Color

Hex(B52471)

Conversions

Conversions Part 1

Format	Color
Hex	B52471
RGB	181, 36, 113
RGB Percent	71%, 14%, 44%
CMY	0.2902, 0.8588, 0.5569
CMYK	0.00, 0.80, 0.38, 0.29
HSL	328°, 67%, 43%
HSV	328°, 80%, 71%
XYZ	22.6676, 12.2778, 16.7979
YIQ	88.1330, 61.7030, 54.6870

Conversions

Conversions Part 2

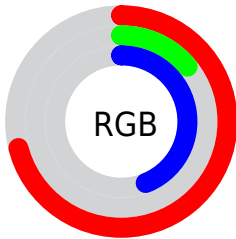
Format	Color
R_{YB}	181, 36, 113
Decimal	11871345
CIE Lab	41.65, 61.56, -7.86
CIE LCh	42, 62.060, 352.722
Yxy	12.2778, 0.4381, 0.2373
Android (android.graphics.Color)	4290061425 (0xFFB52471)
YUV	88.1330, 12.2594, 81.4444
Hunter-Lab	35.0396, 54.1544, -3.8957

Details

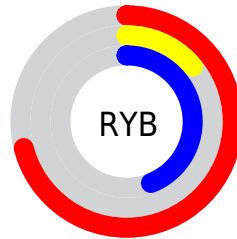
The Hex color **B52471** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **24B568**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **F161A5**, and **7B0041** is the 20% darker color. If you saturate the color by 10%, you get **B51269**, and if you desaturate by 10%, it is **B53679**.

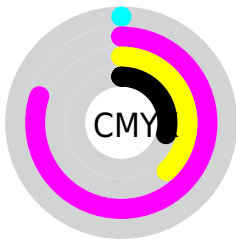
Distribution



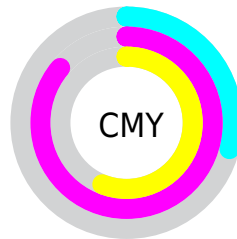
- Red (71%)
- Green (14%)
- Blue (44%)



- Red (71%)
- Yellow (14%)
- Blue (44%)



- Cyan (0%)
- Magenta (80%)
- Yellow (38%)
- Black (29%)



- Cyan (29%)
- Magenta (86%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B52471 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 B52471 by changing the saturation by 10% instead.

 B52471

 B52471

FFFFFF

 980059

 F161A5

 7B0041

 FF7EC0

 5E002B

 FF9ADC

 440017

 FFB6F8

 270001

 FFD4FF

 000000

 FFF1FF

 B52471

 B52471

 B51269

 B53679

 B50060

 B54882

 B55A8A

 B56C93

 B57F9B

 B591A4

 B5A3AC

 B5B5B5

 B5C7BD

Harmonies

Analogous

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



923FA1



B52471



B9293E

Triad

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



B52471



526B00



0076B3

Complementary

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



B52471



24B568

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.



007888



B52471



00741D

Square

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



B52471



825C00



007854



006CC8

Rectangle

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



B52471



AE3B1E



007854



0077A7

Sweetspot

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



B52471



EBB2D0



6824B5



755365



F5F5F5



757575

Same Dimension

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



B52471



EB0981



B52429



595055



990051



1A000E

Inverse Universe

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



B52471



EB0981



24B5B0



595055



990051



1A000E

Previews

White Background



This preview shows how the Hex color B52471 looks on a white background.

Color Contrast Check

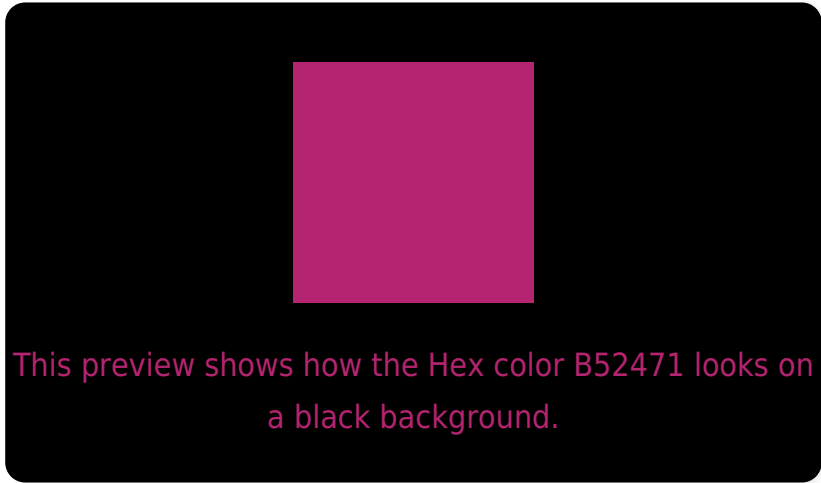
Large Text (above 18pt) WCAG AA ✓ Pass

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 B52471 Background



This preview shows how black text looks on a background with the Hex color B52471.



This preview shows how white text looks on a background with the Hex color B52471.

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

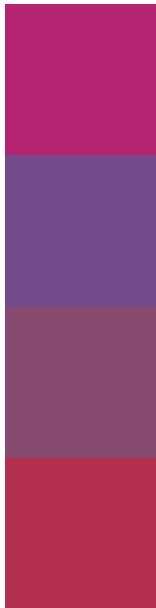


Original Color
B52471

Protanopia
4F6299

Deuteranopia
6A606A

Trichromacy



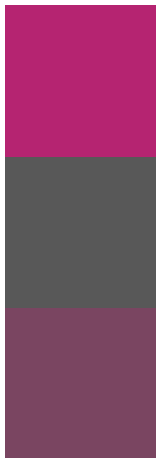
Original Color
B52471

Protanomaly
744B8A

Deuteranomaly
854A6D

Tritanomaly
B22F4D

Monochromacy



Original Color
B52471

Achromatopsia
585858

Achromatomaly
7A4561

CSS Examples

Text

The CSS property to change the color of the text to Hex B52471 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 #B52471 looks like.

```
.text, #text, p{  
    color:#B52471  
}
```

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 #B52471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B52471
}
```

Border

The CSS property to change the border of an element to Hex B52471 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
#B52471 }
```

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

```
.border{ border-color:#B52471 }
```

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

Here you see how a box with a 4 pixel #B52471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B52471; -webkit-box-shadow:4px 4px  
4px 4px #B52471; box-shadow:4px 4px 4px  
4px #B52471 }
```

Background

The CSS property to change the background color of an element to Hex B52471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B52471 }
```

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

```
.background{ background-color:#B52471 }
```

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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