

Converting Colors

Hex(B51D68)

Have a look what the booklet for
Hex(B51D68) contains.

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Color

Hex(B51D68)

Conversions

Conversions Part 1

Format	Color
Hex	B51D68
RGB	181, 29, 104
RGB Percent	71%, 11%, 41%
CMY	0.2902, 0.8863, 0.5922
CMYK	0.00, 0.84, 0.43, 0.29
HSL	330°, 72%, 41%
HSV	330°, 84%, 71%
XYZ	21.9941, 11.7020, 14.1962
YIQ	82.9980, 66.5170, 55.5490

Conversions

Conversions Part 2

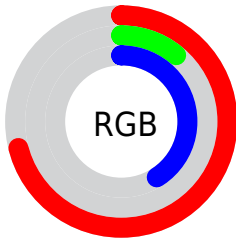
Format	Color
R_{YB}	181, 29, 104
Decimal	11869544
CIE _{Lab}	40.74, 62.41, -3.59
CIE _{LCh}	41, 62.509, 356.708
Yxy	11.7020, 0.4592, 0.2443
Android (android.graphics.Color)	4290059624 (0xFFB51D68)
YUV	82.9980, 10.3540, 85.9478
Hunter-Lab	34.2081, 54.9023, -0.6593

Details

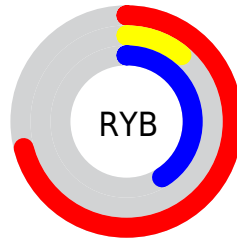
The Hex color **B51D68** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **1DB56A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **F15D9B**, and **7A0039** is the 20% darker color. If you saturate the color by 10%, you get **B50B5F**, and if you desaturate by 10%, it is **B52F71**.

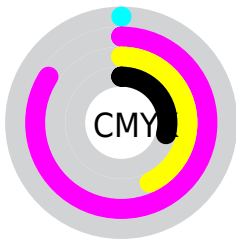
Distribution



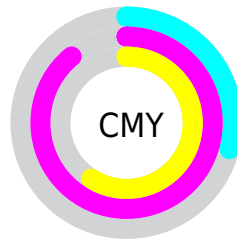
- Red (71%)
- Green (11%)
- Blue (41%)



- Red (71%)
- Yellow (11%)
- Blue (41%)



- Cyan (0%)
- Magenta (84%)
- Yellow (43%)
- Black (29%)



- Cyan (29%)
- Magenta (89%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color B51D68 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 B51D68 by changing the saturation by 10% instead.

 B51D68

 B51D68

FFFFFF

 970050

 F15D9B

 7A0039

 FF79B6

 5E0024

 FF96D1

 44000E

 FFB2EE

 240001

 FFD0FF

 000000

 FFEDFF

 B51D68

 B51D68

 B50B5F

 B52F71

 B50059

 B5417A

 B55384

 B5658D

 B57796

 B58A9F

 B59CA8

 B5AEB1

 B5C0BB

Harmonies

Analogous

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



973899



B51D68



B62936

Triad

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



B51D68



486A00



0073B6

Complementary

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



B51D68



1DB56A

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.



00768D



B51D68



007222

Square

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



B51D68



7A5C00



007659



0068C7

Rectangle

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



B51D68



A93C14



007659



0074AA

Sweetspot

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



B51D68



EBB0CD



691DB5



755263



F5F5F5



757575

Same Dimension

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



B51D68



EB0074



B51D1D



595055



99004B



1A000D

Inverse Universe

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



B51D68



EB0074



1DB5B5



595055



99004B



1A000D

Previews

White Background



This preview shows how the Hex color B51D68 looks on a white background.

Color Contrast Check

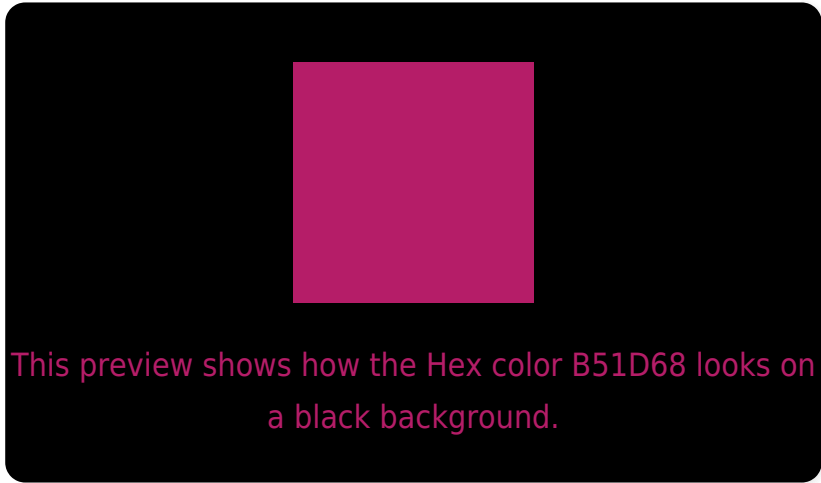
Large Text (above 18pt) WCAG AA ✓ Pass

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 B51D68 Background



This preview shows how black text looks on a background with the Hex color B51D68.



This preview shows how white text looks on a background with the Hex color B51D68.

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
B51D68

Protanomaly
754881

Deuteranomaly
864664

Tritanomaly
B32946

Monochromacy



Original Color
B51D68

Achromatopsia
535353

Achromatomaly
773F5B

CSS Examples

Text

The CSS property to change the color of the text to Hex B51D68 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 #B51D68 looks like.

```
.text, #text, p{  
    color:#B51D68  
}
```

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 #B51D68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B51D68
}
```

Border

The CSS property to change the border of an element to Hex B51D68 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
#B51D68 }
```

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

```
.border{ border-color:#B51D68 }
```

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

Here you see how a box with a 4 pixel #B51D68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B51D68; -webkit-box-shadow:4px 4px  
4px 4px #B51D68; box-shadow:4px 4px 4px  
4px #B51D68 }
```

Background

The CSS property to change the background color of an element to Hex B51D68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B51D68 }
```

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

```
.background{ background-color:#B51D68 }
```

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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