

Converting Colors

Hex(B51D6E)

Have a look what the booklet for
Hex(B51D6E) contains.

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Color

Hex(B51D6E)

Conversions

Conversions Part 1

Format	Color
Hex	B51D6E
RGB	181, 29, 110
RGB Percent	71%, 11%, 43%
CMY	0.2902, 0.8863, 0.5686
CMYK	0.00, 0.84, 0.39, 0.29
HSL	328°, 72%, 41%
HSV	328°, 84%, 71%
XYZ	22.3099, 11.8283, 15.8591
YIQ	83.6820, 64.5910, 57.4150

Conversions

Conversions Part 2

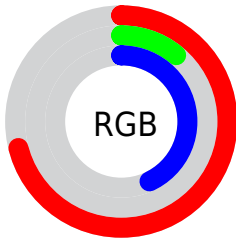
Format	Color
R_{YB}	181, 29, 110
Decimal	11869550
CIE _{Lab}	40.94, 62.99, -7.05
CIE _{LCh}	41, 63.384, 353.611
Yxy	11.8283, 0.4462, 0.2366
Android (android.graphics.Color)	4290059630 (0xFFB51D6E)
YUV	83.6820, 12.9748, 85.3479
Hunter-Lab	34.3923, 55.6046, -3.2654

Details

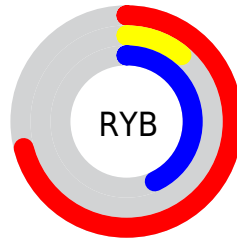
The Hex color **B51D6E** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1DB564**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **F15DA1**, and **7B003F** is the 20% darker color. If you saturate the color by 10%, you get **B50B66**, and if you desaturate by 10%, it is **B52F76**.

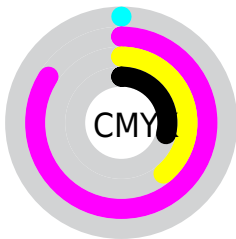
Distribution



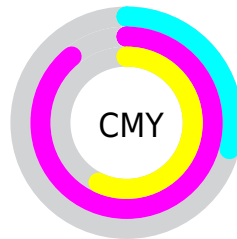
- Red (71%)
- Green (11%)
- Blue (43%)



- Red (71%)
- Yellow (11%)
- Blue (43%)



- Cyan (0%)
- Magenta (84%)
- Yellow (39%)
- Black (29%)



- Cyan (29%)
- Magenta (89%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color B51D6E 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 B51D6E by changing the saturation by 10% instead.

 B51D6E

 B51D6E

FFFFFF

 980056

 F15DA1

 7B003F

 FF7ABC

 5E0029

 FF96D8

 440015

 FFB3F5

 260001

 FFD0FF

 000000

 FFEDFF

 B51D6E

 B51D6E

 B50B66

 B52F76

 B50060

 B5417F

 B55387

 B56590

 B57798

 B58AA1

 B59CA9

 B5AEB2

 B5C0BA

Harmonies

Analogous

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



933B9F



B51D6E



B8243B

Triad

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



B51D6E



4E6A00



0074B4

Complementary

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



B51D6E



1DB564

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.



007789



B51D6E



00721B

Square

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



B51D6E



7F5B00



007653



006BC9

Rectangle

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



B51D6E



AD3919



007653



0075A8

Sweetspot

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



B51D6E



EBB0CF



641DB5



755265



F5F5F5



757575

Same Dimension

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



B51D6E



EB007D



B51D22



595055



990052



1A000E

Inverse Universe

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



B51D6E



EB007D



1DB5B0



595055



990052



1A000E

Previews

White Background



This preview shows how the Hex color B51D6E looks on a white background.

Color Contrast Check

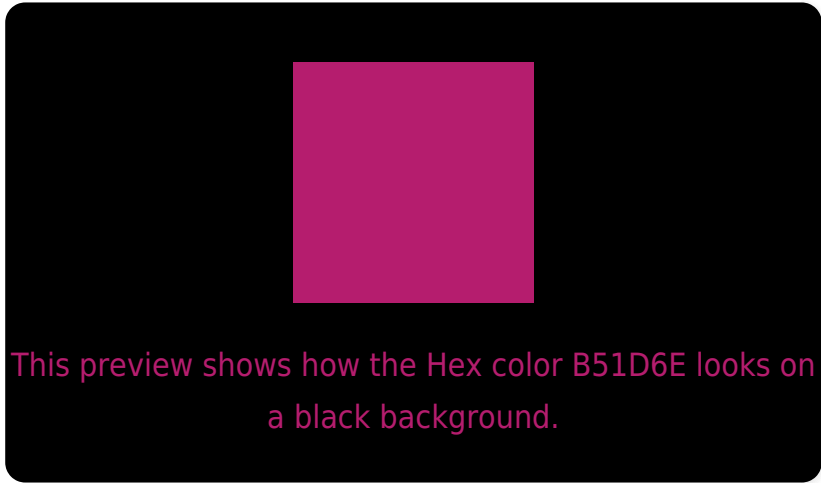
Large Text (above 18pt) WCAG AA ✓ Pass

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 B51D6E Background



This preview shows how black text looks on a background with the Hex color B51D6E.



This preview shows how white text looks on a background with the Hex color B51D6E.

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



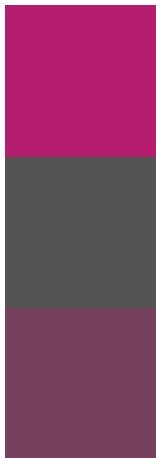
Original Color
B51D6E

Protanomaly
734889

Deuteranomaly
85476A

Tritanomaly
B22A49

Monochromacy



Original Color
B51D6E

Achromatopsia
545454

Achromatomaly
77405D

CSS Examples

Text

The CSS property to change the color of the text to Hex B51D6E 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 #B51D6E looks like.

```
.text, #text, p{  
    color:#B51D6E  
}
```

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 #B51D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B51D6E
}
```

Border

The CSS property to change the border of an element to Hex B51D6E 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
#B51D6E }
```

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

```
.border{ border-color:#B51D6E }
```

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

Here you see how a box with a 4 pixel #B51D6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B51D6E; -webkit-box-shadow:4px 4px  
4px 4px #B51D6E; box-shadow:4px 4px 4px  
4px #B51D6E }
```

Background

The CSS property to change the background color of an element to Hex B51D6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B51D6E }
```

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

```
.background{ background-color:#B51D6E }
```

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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