

Converting Colors

Hex(51174B)

Have a look what the booklet for
Hex(51174B) contains.

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Color

Hex(51174B)

Conversions

Conversions Part 1

Format	Color
Hex	51174B
RGB	81, 23, 75
RGB Percent	32%, 9%, 29%
CMY	0.6824, 0.9098, 0.7059
CMYK	0.00, 0.72, 0.07, 0.68
HSL	306°, 56%, 20%
HSV	306°, 72%, 32%
XYZ	4.9697, 2.8701, 6.9487
YIQ	46.2700, 17.8760, 28.4680

Conversions

Conversions Part 2

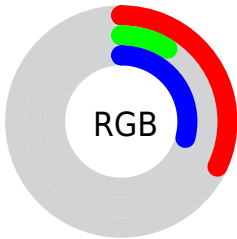
Format	Color
RYB	81, 23, 75
Decimal	5314379
CIELab	19.52, 33.88, -18.69
CIElCh	20, 38.695, 331.119
Yxy	2.8701, 0.3361, 0.1941
Android (android.graphics.Color)	4283504459 (0xFF51174B)
YUV	46.2700, 14.1639, 30.4582
Hunter-Lab	16.9414, 22.7151, -12.4593

Details

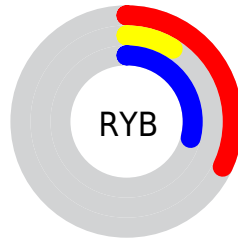
The Hex color **51174B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **17511D**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **84477C**, and **25001F** is the 20% darker color. If you saturate the color by 10%, you get **510F4A**, and if you desaturate by 10%, it is **511F4C**.

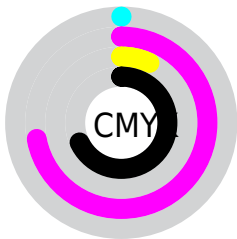
Distribution



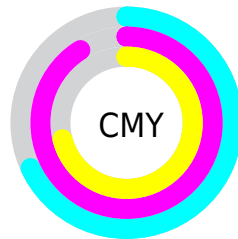
- Red (32%)
- Green (9%)
- Blue (29%)



- Red (32%)
- Yellow (9%)
- Blue (29%)



- Cyan (0%)
- Magenta (72%)
- Yellow (7%)
- Black (68%)



- Cyan (68%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51174B 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 51174B by changing the saturation by 10% instead.

■ 51174B

■ 51174B

FFFFFF

■ 390034

■ 84477C

■ 25001F

■ 9F6096

■ 000001

■ BB7AB1

■ 000000

■ D794CC

■ F4AFE8

■ FFCBFF

■ FFE7FF

■ 51174B

■ 51174B

■ 510F4A

■ 511F4C

■ 510749

■ 51274D

■ 510049

■ 512F4E

■ 51374E

■ 51404F

■ 514850

■ 515051

■ 515852

■ 516053

Harmonies

Analogous

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



2D2760



51174B



5F0A2F

Triad

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



51174B



3A2E00



003B4C

Complementary

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



51174B



17511D

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.



003B30



51174B



1F3600

Square

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



51174B



502300



003A12



003961

Rectangle

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



51174B



5F0E1D



003A12



003B43

Sweetspot

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



51174B



695366



1D1751



362834



B5B5B5



363636

Same Dimension

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



51174B



690F5F



51172E



292528



69005E



E800D0

Inverse Universe

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



51174B



690F5F



17513A



292528



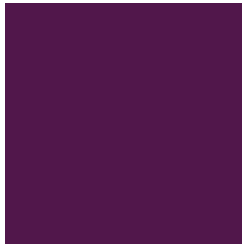
69005E



E800D0

Previews

White Background



This preview shows how the Hex color 51174B looks on a white background.

Color Contrast Check

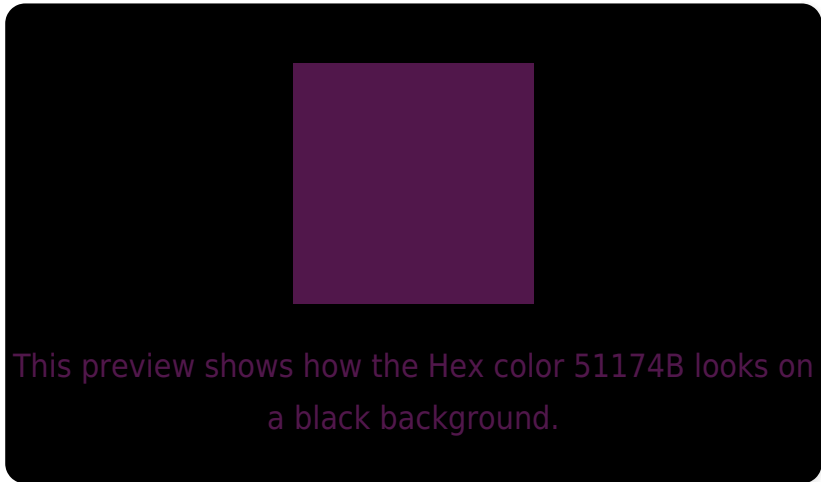
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

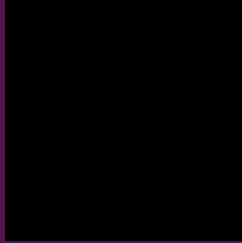
Any Text WCAG AA × Fail

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 51174B Background



This preview shows how black text looks on a background with the Hex color 51174B.



This preview shows how white text looks on a background with the Hex color 51174B.

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
51174B

Protanopia
112F61

Deuteranopia
273047



Tritanopia
4D2326

Trichromacy



Original Color
51174B

Protanomaly
282659

Deuteranomaly
362748

Tritanomaly
4E1F33

Monochromacy



Original Color
51174B

Achromatopsia
2E2E2E

Achromatomaly
3B2639

CSS Examples

Text

The CSS property to change the color of the text to Hex 51174B 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 #51174B looks like.

```
.text, #text, p{  
    color:#51174B  
}
```

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 #51174B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51174B  
}
```

Border

The CSS property to change the border of an element to Hex 51174B is called "border". The border property can be set on classes, ids or directly on the HTML element.

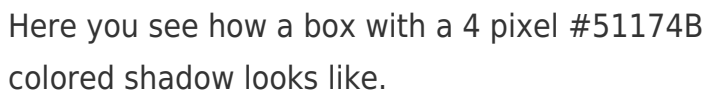
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#51174B }
```

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

```
.border{ border-color:#51174B }
```

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



Here you see how a box with a 4 pixel #51174B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51174B; -webkit-box-shadow:4px 4px  
4px 4px #51174B; box-shadow:4px 4px 4px  
4px #51174B }
```

Background

The CSS property to change the background color of an element to Hex 51174B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51174B }
```

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

```
.background{ background-color:#51174B }
```

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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