

Converting Colors

Hex(50294B)

Have a look what the booklet for
Hex(50294B) contains.

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Color

Hex(50294B)

Conversions

Conversions Part 1

Format	Color
Hex	50294B
RGB	80, 41, 75
RGB Percent	31%, 16%, 29%
CMY	0.6863, 0.8392, 0.7059
CMYK	0.00, 0.49, 0.06, 0.69
HSL	308°, 32%, 24%
HSV	308°, 49%, 31%
XYZ	5.3712, 3.7993, 7.1069
YIQ	56.5370, 12.3300, 18.8420

Conversions

Conversions Part 2

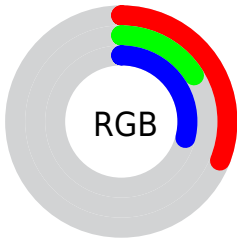
Format	Color
R_{YB}	80, 41, 75
Decimal	5253451
CIE _{Lab}	23.00, 23.78, -13.29
CIE _{LCh}	23, 27.245, 330.804
Yxy	3.7993, 0.3300, 0.2334
Android (android.graphics.Color)	4283443531 (0xFF50294B)
YUV	56.5370, 9.1023, 20.5771
Hunter-Lab	19.4919, 15.0767, -7.9731

Details

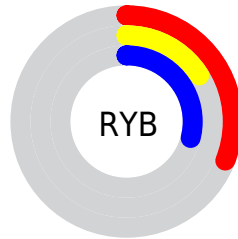
The Hex color **50294B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **29502E**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **82587C**, and **24001F** is the 20% darker color. If you saturate the color by 10%, you get **50214A**, and if you desaturate by 10%, it is **50314C**.

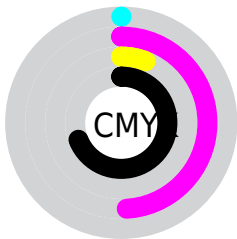
Distribution



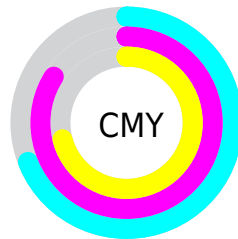
- Red (31%)
- Green (16%)
- Blue (29%)



- Red (31%)
- Yellow (16%)
- Blue (29%)



- Cyan (0%)
- Magenta (49%)
- Yellow (6%)
- Black (69%)



- Cyan (69%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50294B 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 50294B by changing the saturation by 10% instead.

■ 50294B

■ 50294B

FFFFFF

■ 381334

■ 82587C

■ 24001F

■ 9D7196

■ 000003

■ B88AB0

■ 000000

■ D4A5CC

■ F0C0E8

■ FFDCFF

■ FFF9FF

■ 50294B

■ 50294B

■ 50214A

■ 50314C

■ 501949

■ 50394D

■ 501148

■ 50414E

■ 500947

■ 50494F

■ 500146

■ 505150

■ 500046

■ 505951

■ 506152

■ 506953

■ 507154

Harmonies

Analogous

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



38315A



50294B



5B2437

Triad

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



50294B



41360B



00404B

Complementary

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



50294B



29502E

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.



004137



50294B



2D3C12

Square

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



50294B



512E13



103F22



003E5A

Rectangle

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



50294B



5C252A



103F22



004145

Sweetspot

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



50294B



695967



2E2950



362C34



B5B5B5



363636

Same Dimension

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



50294B



692B61



502938



292528



69005B



E800CA

Inverse Universe

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



50294B



692B61



295041



292528



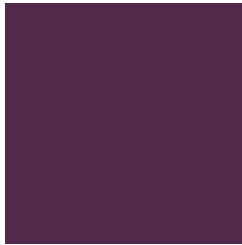
69005B



E800CA

Previews

White Background



This preview shows how the Hex color 50294B looks on a white background.

Color Contrast Check

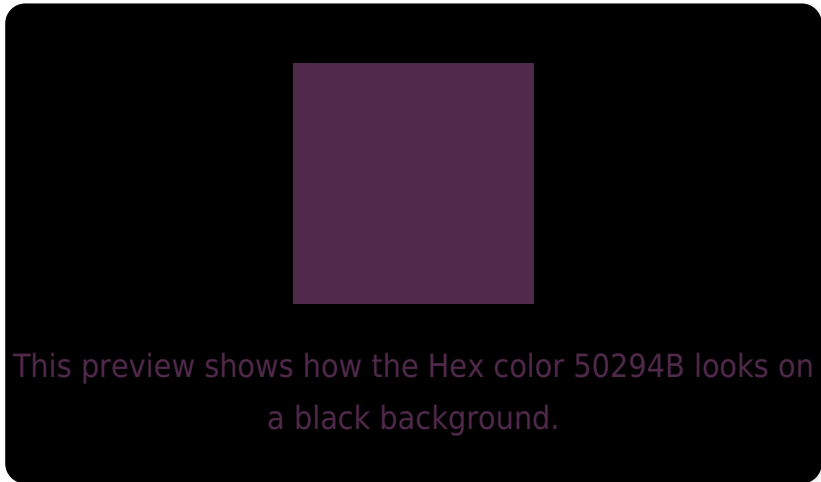
Large Text (above 18pt) WCAG AA ✓ Pass

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

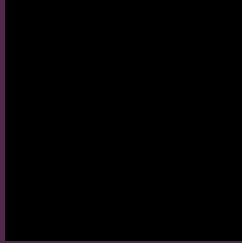
Any Text WCAG AA × Fail

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 50294B Background



This preview shows how black text looks on a background with the Hex color 50294B.



This preview shows how white text looks on a background with the Hex color 50294B.

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
50294B

Protanopia
2C3656

Deuteranopia
343749



Tritanopia
4D2F32

Trichromacy



Original Color
50294B

Protanomaly
393152

Deuteranomaly
3E324A

Tritanomaly
4E2D3B

Monochromacy



Original Color
50294B

Achromatopsia
393939

Achromatomaly
413340

CSS Examples

Text

The CSS property to change the color of the text to Hex 50294B 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 #50294B looks like.

```
.text, #text, p{  
    color:#50294B  
}
```

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 #50294B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50294B
}
```

Border

The CSS property to change the border of an element to Hex 50294B 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".

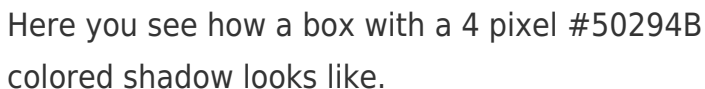
```
.border, #border, table{ border:4px solid
#50294B }
```

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

```
.border{ border-color:#50294B }
```

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

Here you see how a box with a 4 pixel #50294B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50294B; -webkit-box-shadow:4px 4px  
4px 4px #50294B; box-shadow:4px 4px 4px  
4px #50294B }
```

Background

The CSS property to change the background color of an element to Hex 50294B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50294B }
```

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

```
.background{ background-color:#50294B }
```

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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