

Converting Colors

Hex(49285A)

Have a look what the booklet for
Hex(49285A) contains.

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Color

Hex(49285A)

Conversions

Conversions Part 1

Format	Color
Hex	49285A
RGB	73, 40, 90
RGB Percent	29%, 16%, 35%
CMY	0.7137, 0.8431, 0.6471
CMYK	0.19, 0.56, 0.00, 0.65
HSL	280°, 38%, 25%
HSV	280°, 56%, 35%
XYZ	5.3519, 3.6722, 10.0996
YIQ	55.5670, 3.6180, 22.5460

Conversions

Conversions Part 2

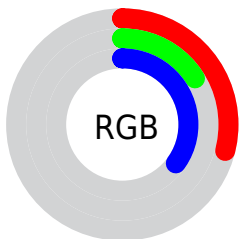
Format	Color
R_{YB}	73, 40, 90
Decimal	4794458
CIE _{Lab}	22.56, 25.45, -24.06
CIE _{LCh}	23, 35.020, 316.612
Yxy	3.6722, 0.2799, 0.1920
Android (android.graphics.Color)	4282984538 (0xFF49285A)
YUV	55.5670, 16.9755, 15.2887
Hunter-Lab	19.1631, 16.3165, -17.8337

Details

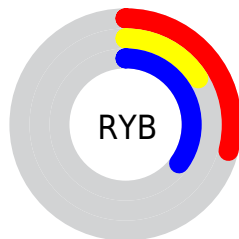
The Hex color **49285A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **395A28**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7B578C**, and **1D002C** is the 20% darker color. If you saturate the color by 10%, you get **461F5A**, and if you desaturate by 10%, it is **4C315A**.

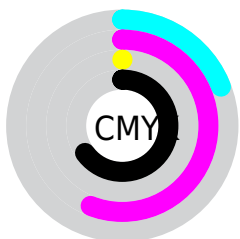
Distribution



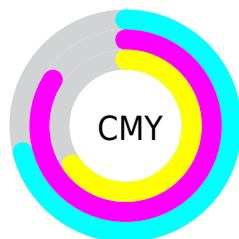
- Red (29%)
- Green (16%)
- Blue (35%)



- Red (29%)
- Yellow (16%)
- Blue (35%)



- Cyan (19%)
- Magenta (56%)
- Yellow (0%)
- Black (65%)



- Cyan (71%)
- Magenta (84%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49285A 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 49285A by changing the saturation by 10% instead.



49285A



49285A

FFFFFF



311242



7B578C



1D002C



956FA7



000117



B089C2



000000



CCA3DE



E9BFFB



FFDBFF



FFF7FF



49285A



49285A

■ 461F5A

■ 4C315A

■ 43165A

■ 4F3A5A

■ 400D5A

■ 52435A

■ 3D045A

■ 554C5A

■ 3B005A

■ 58555A

■ 5B5E5A

■ 5E675A

■ 61705A

■ 65795A

Harmonies

Analogous

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



1A3468



49285A



5F1D43

Triad

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



49285A



4C3000



004244

Complementary

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



49285A



395A28

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.



004129



49285A



353900

Square

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



49285A



5D2510



143E0F



00415B

Rectangle

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



49285A



641A31



143E0F



00423B

Sweetspot

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



49285A



6F6175



283A5A



372F3B



BABABA



3B3B3B

Same Dimension

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



49285A



5B2775



5A2853



2C292E



48006E



9D00ED

Inverse Universe

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



5A2839



752741



285A2F



2E292B



6E0025



ED0051

Previews

White Background



This preview shows how the Hex color 49285A looks on a white background.

Color Contrast Check

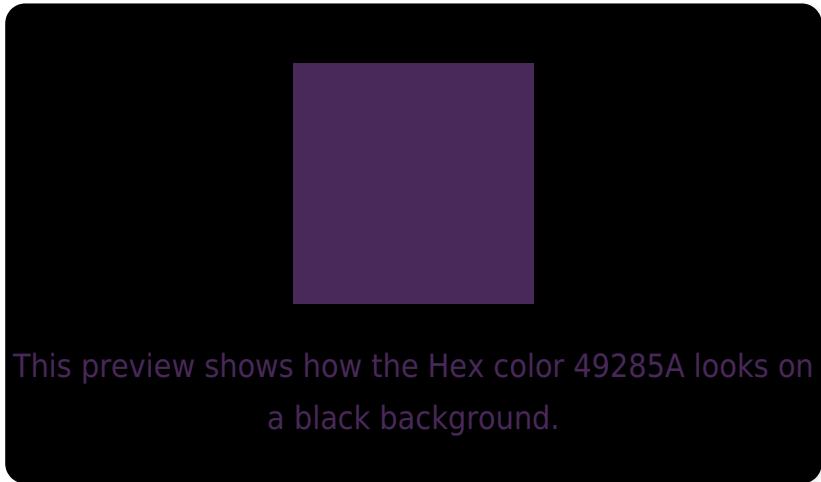
Large Text (above 18pt) WCAG AA ✓ Pass

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

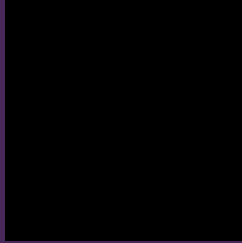
Any Text WCAG AA × Fail

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 49285A Background



This preview shows how black text looks on a background with the Hex color 49285A.



This preview shows how white text looks on a background with the Hex color 49285A.

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](#).

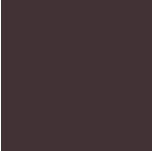
Dichromacy



Original Color
49285A

Protanopia
1C3566

Deuteranopia
233757



Tritanopia
433235

Trichromacy



Original Color
49285A

Protanomaly
2C3062

Deuteranomaly
313258

Tritanomaly
452E42

Monochromacy



Original Color
49285A

Achromatopsia
383838

Achromatomaly
3E3244

CSS Examples

Text

The CSS property to change the color of the text to Hex 49285A 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 #49285A looks like.

```
.text, #text, p{  
    color:#49285A  
}
```

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 #49285A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49285A
}
```

Border

The CSS property to change the border of an element to Hex 49285A 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".

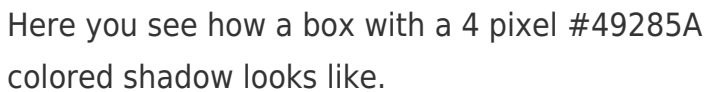
```
.border, #border, table{ border:4px solid
#49285A }
```

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

```
.border{ border-color:#49285A }
```

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

Here you see how a box with a 4 pixel #49285A colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top, left, and bottom edges. The right edge is a thick dark purple shadow that tapers off to the right.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49285A; -webkit-box-shadow:4px 4px  
4px 4px #49285A; box-shadow:4px 4px 4px  
4px #49285A }
```

Background

The CSS property to change the background color of an element to Hex 49285A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49285A }
```

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

```
.background{ background-color:#49285A }
```

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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