

Converting Colors

Hex(49283E)

Have a look what the booklet for
Hex(49283E) contains.

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Color

Hex(49283E)

Conversions

Conversions Part 1

Format	Color
Hex	49283E
RGB	73, 40, 62
RGB Percent	29%, 16%, 24%
CMY	0.7137, 0.8431, 0.7569
CMYK	0.00, 0.45, 0.15, 0.71
HSL	320°, 29%, 22%
HSV	320°, 45%, 29%
XYZ	4.3759, 3.2819, 4.9603
YIQ	52.3750, 12.6060, 13.8380

Conversions

Conversions Part 2

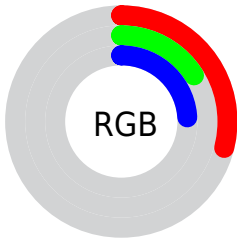
Format	Color
RYB	73, 40, 62
Decimal	4794430
CIELab	21.14, 19.12, -7.40
CIELCh	21, 20.503, 338.853
Yxy	3.2819, 0.3468, 0.2601
Android (android.graphics.Color)	4282984510 (0xFF49283E)
YUV	52.3750, 4.7451, 18.0881
Hunter-Lab	18.1159, 11.4144, -3.5529




Details

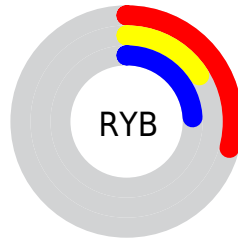
The Hex color **49283E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **284933**, and the grayscale version is **343434**.




A 20% lighter version of the original color is **7B566E**, and **1F0014** is the 20% darker color. If you saturate the color by 10%, you get **49213C**, and if you desaturate by 10%, it is **492F40**.

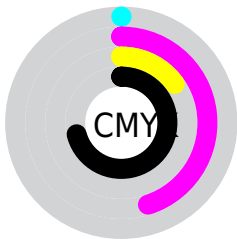
Distribution







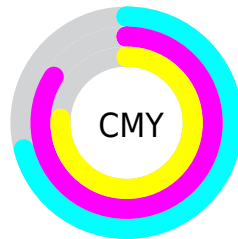
-  Red (29%)
-  Green (16%)
-  Blue (24%)






-  Red (29%)
-  Yellow (16%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (45%)
-  Yellow (15%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (84%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49283E 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 49283E by changing the saturation by 10% instead.

■ 49283E

■ 49283E

FFFFFF

■ 321328

■ 7B566E

■ 1F0014

■ 956F87

■ 000000

■ AF88A1

■ CBA3BC

■ E7BED8

■ FFDAF4

■ FFF6FF

■ 49283E

■ 49283E

■ 49213C

■ 492F40

■ 491939

■ 493743

■ 491237

■ 493E45

■ 490B34

■ 494548

■ 490432

■ 494D4A

■ 490031

■ 49544D

■ 495B4F

■ 496251

■ 496A54

Harmonies

Analogous

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



3A2D4A



49283E



4F262F

Triad

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



49283E



383314



003A45

Complementary

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



49283E



284933

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.



003B37



49283E



27371A

Square

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



49283E



452E17



123A27



00374F

Rectangle

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



49283E



4F2825



123A27



003A41

Sweetspot

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



49283E



5E515A



332849



30282E



B0B0B0



303030

Same Dimension

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



49283E



5E2B4D



49282E



242023



630042



E30097

Inverse Universe

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



49283E



5E2B4D



284943



242023



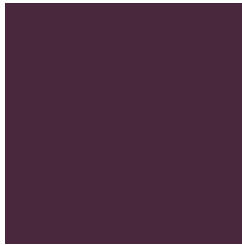
630042



E30097

Previews

White Background



This preview shows how the Hex color 49283E looks on a white background.

Color Contrast Check

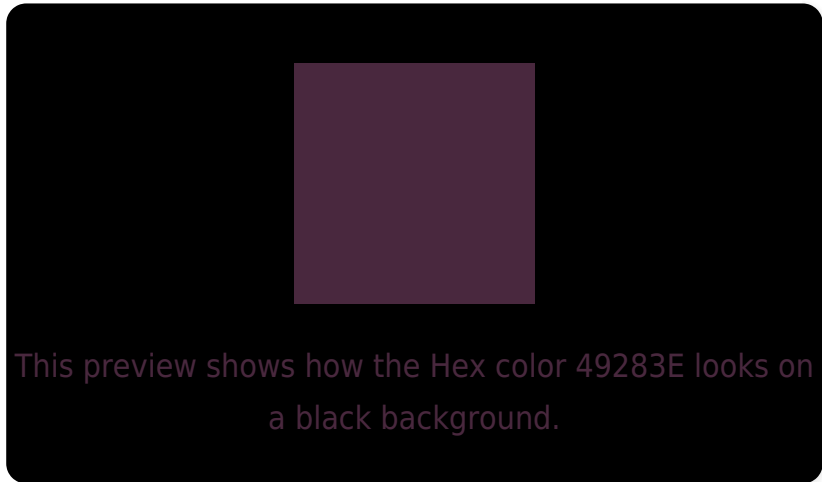
Large Text (above 18pt) WCAG AA ✓ Pass

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

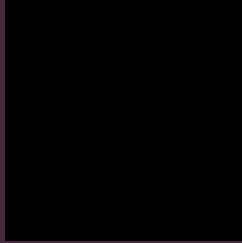
Any Text WCAG AA × Fail

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 49283E Background



This preview shows how black text looks on a background with the Hex color 49283E.



This preview shows how white text looks on a background with the Hex color 49283E.

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
49283E

Protanopia
2E3346

Deuteranopia
34323C



Tritanopia
472B2E

Trichromacy



Original Color

49283E

Protanomaly

382F43

Deuteranomaly

3C2E3D

Tritanomaly

482A34

Monochromacy



Original Color

49283E

Achromatopsia

343434

Achromatomaly

3C3038

CSS Examples

Text

The CSS property to change the color of the text to Hex 49283E 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 #49283E looks like.

```
.text, #text, p{  
    color:#49283E  
}
```

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 #49283E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49283E
}
```

Border

The CSS property to change the border of an element to Hex 49283E is called "border". The border property can be set on classes, ids or directly on the HTML element.

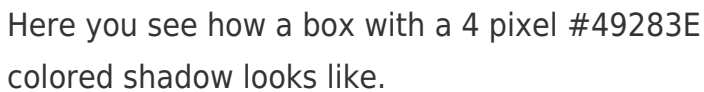
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49283E }
```

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

```
.border{ border-color:#49283E }
```

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



Here you see how a box with a 4 pixel #49283E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49283E; -webkit-box-shadow:4px 4px  
4px 4px #49283E; box-shadow:4px 4px 4px  
4px #49283E }
```

Background

The CSS property to change the background color of an element to Hex 49283E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49283E }
```

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

```
.background{ background-color:#49283E }
```

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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