

Converting Colors

Hex(48296C)

Have a look what the booklet for
Hex(48296C) contains.

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Color

Hex(48296C)

Conversions

Conversions Part 1

Format	Color
Hex	48296C
RGB	72, 41, 108
RGB Percent	28%, 16%, 42%
CMY	0.7176, 0.8392, 0.5765
CMYK	0.33, 0.62, 0.00, 0.58
HSL	268°, 45%, 29%
HSV	268°, 62%, 42%
XYZ	6.1722, 4.0463, 14.6431
YIQ	57.9070, -3.0310, 27.4090

Conversions

Conversions Part 2

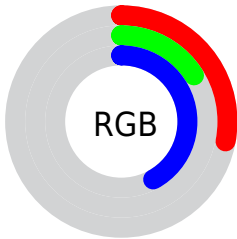
Format	Color
R_{YB}	72, 41, 108
Decimal	4729196
CIE _{Lab}	23.82, 29.32, -33.81
CIE _{LCh}	24, 44.748, 310.933
Yxy	4.0463, 0.2483, 0.1628
Android (android.graphics.Color)	4282919276 (0xFF48296C)
YUV	57.9070, 24.6958, 12.3596
Hunter-Lab	20.1154, 19.5688, -29.0795

Details

The Hex color **48296C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4D6C29**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7B58A0**, and **18003C** is the 20% darker color. If you saturate the color by 10%, you get **421E6C**, and if you desaturate by 10%, it is **4E346C**.

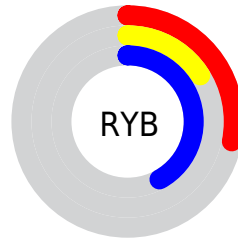
Distribution



Red (28%)

Green (16%)

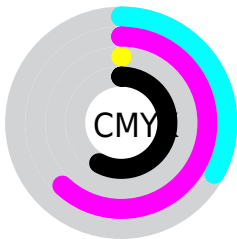
Blue (42%)



Red (28%)

Yellow (16%)

Blue (42%)

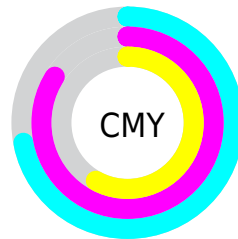


Cyan (33%)

Magenta (62%)

Yellow (0%)

Black (58%)



Cyan (72%)

Magenta (84%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48296C 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 48296C by changing the saturation by 10% instead.

 48296C

 48296C

FFFFFF

 2F1353

 7B58A0

 18003C

 9671BB

 000025

 B18BD7

 00010E

 CDA5F4

 000000

 EAC0FF

 FFDCFF

 FFF9FF

 48296C

 48296C

■ 421E6C

■ 4E346C

■ 3C136C

■ 543F6C

■ 37096C

■ 59496C

■ 32006C

■ 5F546C

■ 655F6C

■ 6B6A6C

■ 71756C

■ 767F6C

■ 7C8A6C

Harmonies

Analogous

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



00397B



48296C



69144F

Triad

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



48296C



582F00



004745

Complementary

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



48296C



4D6C29

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.



004621



48296C



3C3B00

Square

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



48296C



6B1D0D



134200



004664

Rectangle

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



48296C



710A39



134200



004739

Sweetspot

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



48296C



7E728C



294E6C



3F3747



C7C7C7



474747

Same Dimension

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



48296C



54248C



69296C



333036



360075



7100F5

Inverse Universe

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



6C294D



8C245C



2C6C29



363033



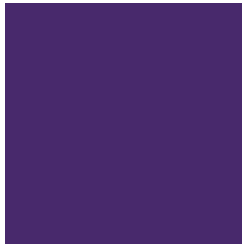
75003F



F50084

Previews

White Background



This preview shows how the Hex color 48296C looks on a white background.

Color Contrast Check

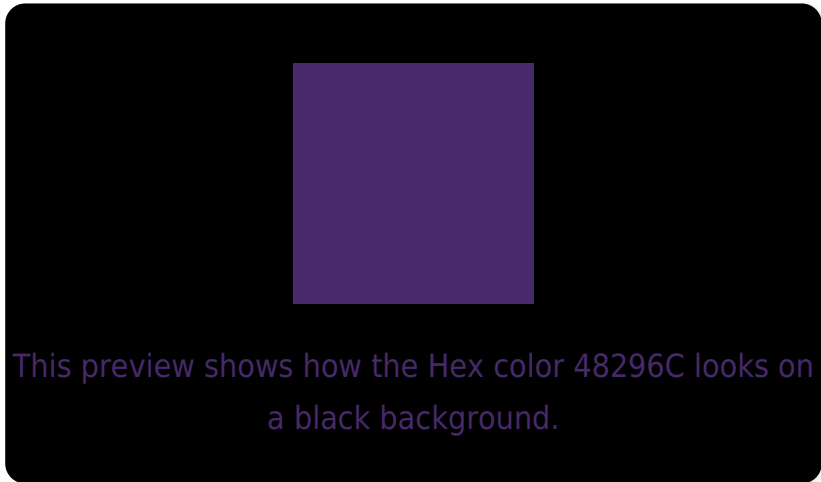
Large Text (above 18pt) WCAG AA ✓ Pass

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

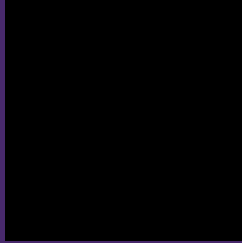
Any Text WCAG AA × Fail

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 48296C Background



This preview shows how black text looks on a background with the Hex color 48296C.



This preview shows how white text looks on a background with the Hex color 48296C.

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
48296C

Protanopia
003775

Deuteranopia
003A67



Tritanopia
3E373B

Trichromacy



Original Color
48296C

Protanomaly
1A3272

Deuteranomaly
1A3469

Tritanomaly
42324D

Monochromacy



Original Color
48296C

Achromatopsia
3A3A3A

Achromatomaly
3F344C

CSS Examples

Text

The CSS property to change the color of the text to Hex 48296C 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 #48296C looks like.

```
.text, #text, p{  
    color:#48296C  
}
```

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 #48296C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48296C
}
```

Border

The CSS property to change the border of an element to Hex 48296C is called "border". The border property can be set on classes, ids or directly on the HTML element.

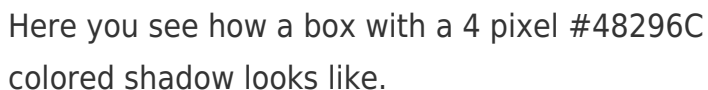
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48296C }
```

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

```
.border{ border-color:#48296C }
```

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



Here you see how a box with a 4 pixel #48296C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48296C; -webkit-box-shadow:4px 4px  
4px 4px #48296C; box-shadow:4px 4px 4px  
4px #48296C }
```

Background

The CSS property to change the background color of an element to Hex 48296C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48296C }
```

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

```
.background{ background-color:#48296C }
```

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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