

# Converting Colors

Hex(48326D)

Have a look what the booklet for  
Hex(48326D) contains.

<b>Hex(48326D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(48326D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48326D
RGB	72, 50, 109
RGB Percent	28%, 20%, 43%
CMY	0.7176, 0.8039, 0.5725
CMYK	0.34, 0.54, 0.00, 0.57
HSL	262°, 37%, 31%
HSV	262°, 54%, 43%
XYZ	6.5734, 4.7630, 15.0409
YIQ	63.3040, -5.8270, 23.0130

# Conversions

## Conversions Part 2

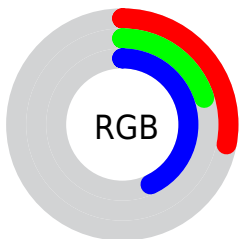
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 50, 109
Decimal	4731501
CIE <sub>Lab</sub>	26.05, 23.99, -30.89
CIE <sub>LCh</sub>	26, 39.112, 307.836
Yxy	4.7630, 0.2492, 0.1806
Android (android.graphics.Color)	4282921581 (0xFF48326D)
YUV	63.3040, 22.5281, 7.6264
Hunter-Lab	21.8244, 15.5706, -25.5843

# Details

The Hex color **48326D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **576D32**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7B61A1**, and **18073D** is the 20% darker color. If you saturate the color by 10%, you get **41276D**, and if you desaturate by 10%, it is **4F3D6D**.

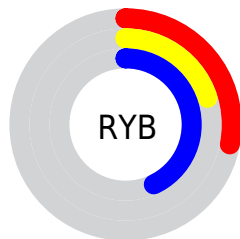
# Distribution



Red (28%)

Green (20%)

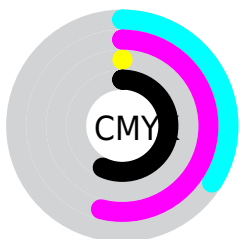
Blue (43%)



Red (28%)

Yellow (20%)

Blue (43%)

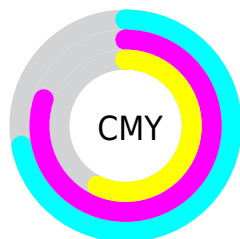


Cyan (34%)

Magenta (54%)

Yellow (0%)

Black (57%)



Cyan (72%)

Magenta (80%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48326D 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 48326D by changing the saturation by 10% instead.



■ 48326D

■ 48326D

FFFFFF

■ 301C54

■ 7B61A1

■ 18073D

■ 957ABC

■ 000027

■ B094D8

■ 000110

■ CCAFF5

■ 000000

■ E9CAFF

■ FFE6FF

■ 48326D

■ 48326D

■ 41276D

■ 4F3D6D

■ 3A1C6D

■ 56486D

■ 33116D

■ 5D536D

■ 2D066D

■ 635E6D

■ 29006D

■ 6A696D

■ 71736D

■ 787E6D

■ 7F896D

■ 86946D

# Harmonies

## Analogous

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



003F79



48326D



672455

# Triad

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



48326D



5D3400



004B45

# Complementary

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



48326D



576D32

# 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.



004A26



48326D



453F00

# Square

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



48326D



6D261B



244608



004A62

# Rectangle

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



48326D



701E41



244608



004B3B



# Sweetspot

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



48326D



80788F



32576D



3F3A47



C7C7C7



474747



# Same Dimension

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



48326D



55328F



65326D



323036



2C0075



5B00F5



# Inverse Universe

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



6D3257



8F326C



3A6D32



363034



75004A



F5009A



# Previews

## White Background



This preview shows how the Hex color 48326D looks on a white background.

## Color Contrast Check

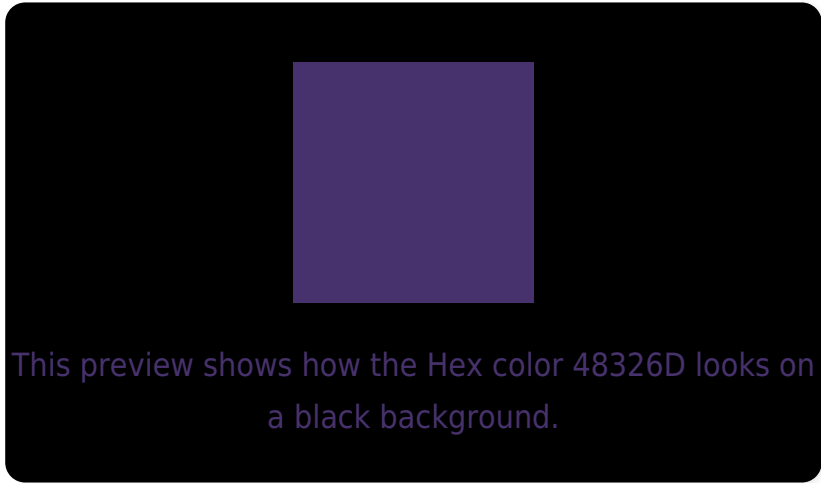
Large Text (above 18pt) WCAG AA ✓ Pass

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

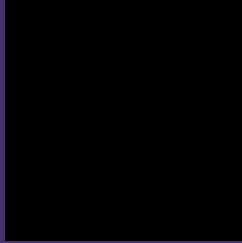
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 48326D Background



This preview shows how black text looks on a background with the Hex color 48326D.



This preview shows how white text looks on a background with the Hex color 48326D.

# 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**  
48326D

**Protanopia**  
1C3C77

**Deuteranopia**  
1C3F6A



**Tritanopia**  
3F3D42

# Trichromacy



**Original Color**  
48326D

**Protanomaly**  
2C3873

**Deuteranomaly**  
2C3A6B

**Tritanomaly**  
423952

# Monochromacy



**Original Color**  
48326D

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
423A50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48326D 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 #48326D looks like.

```
.text, #text, p{  
    color:#48326D  
}
```

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 #48326D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48326D
}
```

## Border

The CSS property to change the border of an element to Hex 48326D is called "border". The border property can be set on classes, ids or directly on the HTML element.

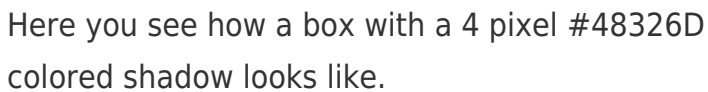
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48326D }
```

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

```
.border{ border-color:#48326D }
```

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



Here you see how a box with a 4 pixel #48326D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48326D; -webkit-box-shadow:4px 4px  
4px 4px #48326D; box-shadow:4px 4px 4px  
4px #48326D }
```

# Background

The CSS property to change the background color of an element to Hex 48326D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48326D }
```

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

```
.background{ background-color:#48326D }
```

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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