

# Converting Colors

Hex(48277C)

Have a look what the booklet for  
Hex(48277C) contains.

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# Color

Hex(48277C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	48277C
RGB	72, 39, 124
RGB Percent	28%, 15%, 49%
CMY	0.7176, 0.8471, 0.5137
CMYK	0.42, 0.69, 0.00, 0.51
HSL	263°, 52%, 32%
HSV	263°, 69%, 49%
XYZ	7.0361, 4.2840, 19.5248
YIQ	58.5570, -7.6170, 33.4310

# Conversions

## Conversions Part 2

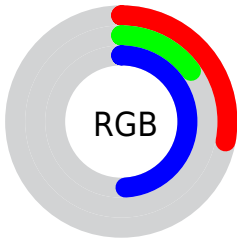
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 39, 124
Decimal	4728700
CIE <sub>Lab</sub>	24.59, 34.99, -42.80
CIE <sub>LCh</sub>	25, 55.283, 309.267
Yxy	4.2840, 0.2281, 0.1389
Android (android.graphics.Color)	4282918780 (0xFF48277C)
YUV	58.5570, 32.2634, 11.7895
Hunter-Lab	20.6978, 24.4589, -41.4415

# Details

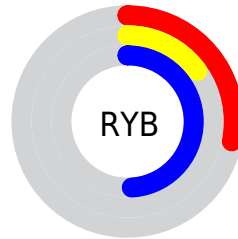
The Hex color **48277C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5B7C27**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7D56B1**, and **13004A** is the 20% darker color. If you saturate the color by 10%, you get **401B7C**, and if you desaturate by 10%, it is **50337C**.

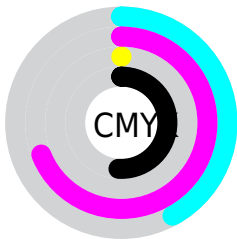
# Distribution



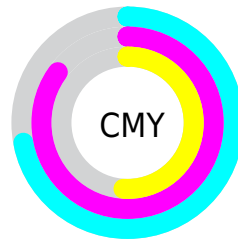
- Red (28%)
- Green (15%)
- Blue (49%)



- Red (28%)
- Yellow (15%)
- Blue (49%)



- Cyan (42%)
- Magenta (69%)
- Yellow (0%)
- Black (51%)



- Cyan (72%)
- Magenta (85%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48277C 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 48277C by changing the saturation by 10% instead.



■ 48277C

■ 48277C

FFFFFF

■ 2E1063

■ 7D56B1

■ 13004A

■ 986FCD

■ 000033

■ B489EA

■ 00021D

■ D0A4FF

■ 000000

■ EDBFFF

■ FFDBFF

■ FFF8FF

■ 48277C

■ 48277C

■ 401B7C

■ 50337C

■ 390E7C

■ 57407C

■ 31027C

■ 5F4C7C

■ 30007C

■ 66597C

■ 6E657C

■ 76717C

■ 7D7E7C

■ 858A7C

■ 8C977C

# Harmonies

## Analogous

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



003C8E



48277C



730059

# Triad

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



48277C



5F2D00



004B47

# Complementary

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



48277C



5B7C27

# 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.



00491A



48277C



3D3D00

# Square

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



48277C



770E04



064500



004B6F

# Rectangle

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



48277C



7F003D



064500



004B38



# Sweetspot

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



48277C



8C7FA1



275B7C



453D52



D1D1D1



525252



# Same Dimension

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



48277C



501DA1



72277C



39373D



31007D



6200FC



# Inverse Universe

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



7C275B



A11D6E



317C27



3D373B



7D004C

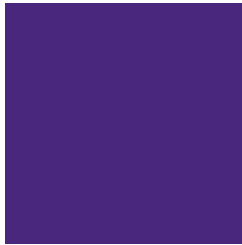


FC009A



# Previews

## White Background



This preview shows how the Hex color 48277C 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

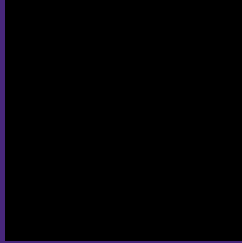
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 48277C Background



This preview shows how black text looks on a background with the Hex color 48277C.



This preview shows how white text looks on a background with the Hex color 48277C.

# 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**  
48277C

**Protanopia**  
003978

**Deuteranopia**  
003C68



**Tritanopia**  
3A3B3F

# Trichromacy



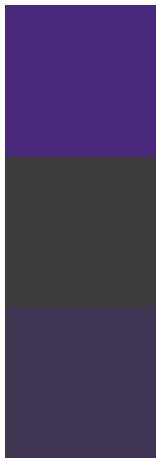
**Original Color**  
48277C

**Protanomaly**  
1A3279

**Deuteranomaly**  
1A346F

**Tritanomaly**  
3F3455

# Monochromacy



**Original Color**  
48277C

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
403453

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48277C 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 #48277C looks like.

```
.text, #text, p{  
    color:#48277C  
}
```

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 #48277C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48277C }  
}
```

## Border

The CSS property to change the border of an element to Hex 48277C is called "border". The border property can be set on classes, ids or directly on the HTML element.

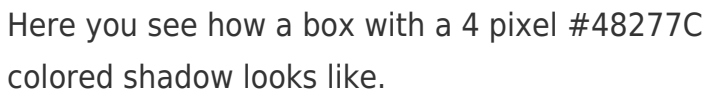
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #48277C }  
}
```

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

```
.border{ border-color:#48277C }
```

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



Here you see how a box with a 4 pixel #48277C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48277C; -webkit-box-shadow:4px 4px  
4px 4px #48277C; box-shadow:4px 4px 4px  
4px #48277C }
```

# Background

The CSS property to change the background color of an element to Hex 48277C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48277C }
```

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

```
.background{ background-color:#48277C }
```

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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