

# Converting Colors

Hex(4D2277)

Have a look what the booklet for  
Hex(4D2277) contains.

<b>Hex(4D2277)</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(4D2277)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D2277
RGB	77, 34, 119
RGB Percent	30%, 13%, 47%
CMY	0.6980, 0.8667, 0.5333
CMYK	0.35, 0.71, 0.00, 0.53
HSL	270°, 56%, 30%
HSV	270°, 71%, 47%
XYZ	6.9624, 4.0537, 17.8683
YIQ	56.5470, -1.6570, 35.5510

# Conversions

## Conversions Part 2

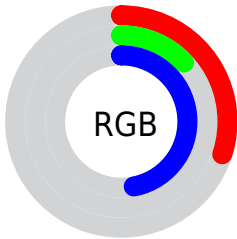
Format	Color
R <sub>Y</sub> B	77, 34, 119
Decimal	5055095
CIE Lab	23.85, 37.45, -40.79
CIE LCh	24, 55.375, 312.551
Yxy	4.0537, 0.2410, 0.1403
Android (android.graphics.Color)	4283245175 (0xFF4D2277)
YUV	56.5470, 30.7893, 17.9373
Hunter-Lab	20.1339, 26.4915, -38.5244

# Details

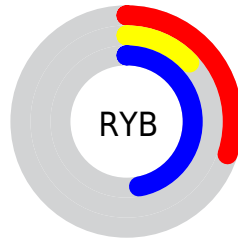
The Hex color **4D2277** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4C7722**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **8252AC**, and **1B0046** is the 20% darker color. If you saturate the color by 10%, you get **471677**, and if you desaturate by 10%, it is **532E77**.

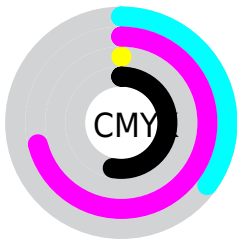
# Distribution



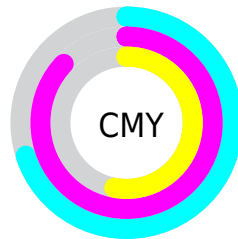
- Red (30%)
- Green (13%)
- Blue (47%)



- Red (30%)
- Yellow (13%)
- Blue (47%)



- Cyan (35%)
- Magenta (71%)
- Yellow (0%)
- Black (53%)



- Cyan (70%)
- Magenta (87%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D2277 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 4D2277 by changing the saturation by 10% instead.





4D2277



4D2277

FFFFFF



33095E



8252AC



1B0046



9D6BC8



00002F



B985E4



000119



D5A0FF



000000



F2BBFF



FFD7FF



FFF4FF



4D2277



4D2277

■ 471677

■ 532E77

■ 410A77

■ 593A77

■ 3C0077

■ 5F4677

■ 655277

■ 6A5E77

■ 706977

■ 767577

■ 7C8177

■ 828D77

# Harmonies

## Analogous

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



00398C



4D2277



740053

# Triad

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



4D2277



5A2E00



00494A

# Complementary

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



4D2277



4C7722

# 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.



00481E



4D2277



373D00

# Square

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



4D2277



731100



004400



004971

# Rectangle

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



4D2277



7D0037



004400



00493B



# Sweetspot

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



4D2277



8B7B9C



224C77



453B4F



CFCFCF



4F4F4F



# Same Dimension

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



4D2277



59169C



772277



38353B



3E007A



7E00FA



# Inverse Universe

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



77224C



9C1658



227722



3B3538



7A003C

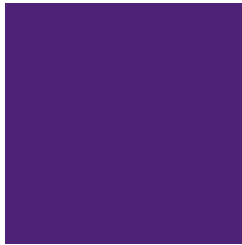


FA007B



# Previews

## White Background



This preview shows how the Hex color 4D2277 looks on a white background.

## Color Contrast Check

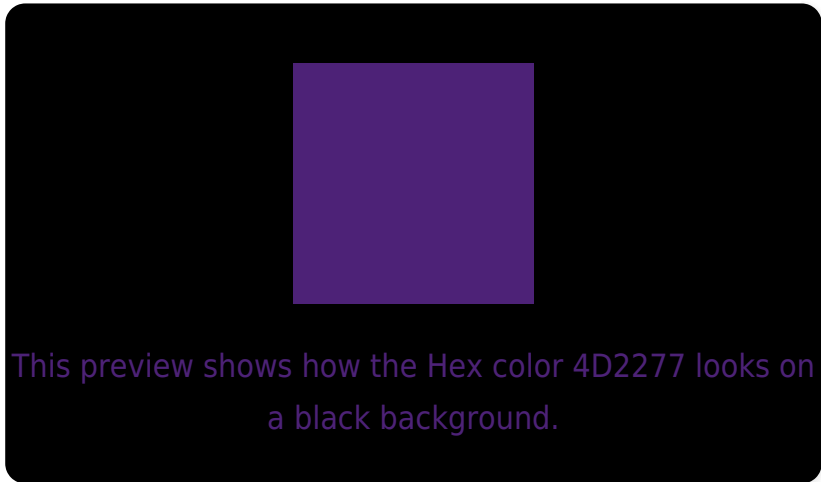
Large Text (above 18pt) WCAG AA ✓ Pass

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

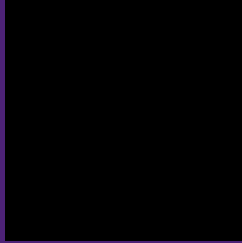
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D2277 Background



This preview shows how black text looks on a background with the Hex color 4D2277.



This preview shows how white text looks on a background with the Hex color 4D2277.

# 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**  
4D2277

**Protanopia**  
003875

**Deuteranopia**  
003B66



**Tritanopia**  
41373B

# Trichromacy



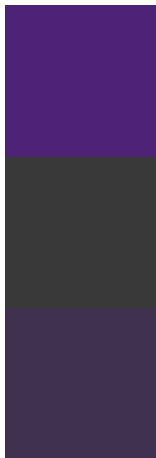
**Original Color**  
4D2277

**Protanomaly**  
1C3076

**Deuteranomaly**  
1C326C

**Tritanomaly**  
452F51

# Monochromacy



**Original Color**  
4D2277

**Achromatopsia**  
393939

**Achromatomaly**  
403150

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D2277 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 #4D2277 looks like.

```
.text, #text, p{  
    color:#4D2277  
}
```

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 #4D2277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D2277
}
```

## Border

The CSS property to change the border of an element to Hex 4D2277 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
#4D2277 }
```

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

```
.border{ border-color:#4D2277 }
```

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

Here you see how a box with a 4 pixel #4D2277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D2277; -webkit-box-shadow:4px 4px  
4px 4px #4D2277; box-shadow:4px 4px 4px  
4px #4D2277 }
```

# Background

The CSS property to change the background color of an element to Hex 4D2277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D2277 }
```

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

```
.background{ background-color:#4D2277 }
```

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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