

# Converting Colors

Hex(4D21A4)

Have a look what the booklet for  
Hex(4D21A4) contains.

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# Color

**Hex(4D21A4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D21A4
RGB	77, 33, 164
RGB Percent	30%, 13%, 64%
CMY	0.6980, 0.8706, 0.3569
CMYK	0.53, 0.80, 0.00, 0.36
HSL	260°, 66%, 39%
HSV	260°, 80%, 64%
XYZ	10.3053, 5.3458, 35.6107
YIQ	61.0900, -15.8270, 50.0690

# Conversions

## Conversions Part 2

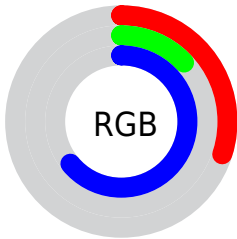
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 33, 164
Decimal	5054884
CIELab	27.70, 50.07, -62.45
CIElCh	28, 80.045, 308.717
Yxy	5.3458, 0.2010, 0.1043
Android (android.graphics.Color)	4283244964 (0xFF4D21A4)
YUV	61.0900, 50.7346, 13.9531
Hunter-Lab	23.1210, 39.0973, -75.1327

# Details

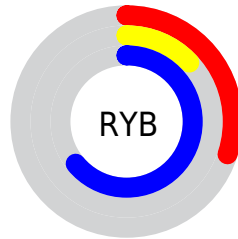
The Hex color **4D21A4** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **78A421**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8753DC**, and **00006F** is the 20% darker color. If you saturate the color by 10%, you get **4211A4**, and if you desaturate by 10%, it is **5831A4**.

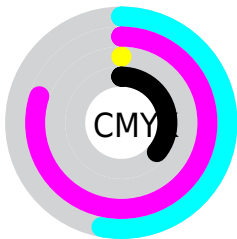
# Distribution



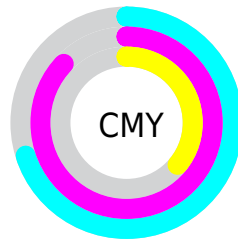
- Red (30%)
- Green (13%)
- Blue (64%)



- Red (30%)
- Yellow (13%)
- Blue (64%)



- Cyan (53%)
- Magenta (80%)
- Yellow (0%)
- Black (36%)



- Cyan (70%)
- Magenta (87%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D21A4 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 4D21A4 by changing the saturation by 10% instead.



 4D21A4

 4D21A4

FFFFFF

 2E0389

 8753DC

 00006F

 A46DF9

 000056

 C187FF

 00063D

 DEA2FF

 000326

 FCBEFF

 000110

 FFDAFF

 000000

 FFF7FF

 4D21A4

 4D21A4

■ 4211A4

■ 5831A4

■ 3700A4

■ 6342A4

■ 6E52A4

■ 7963A4

■ 8373A4

■ 8E83A4

■ 9994A4

■ A4A4A4

■ AFB5A4

# Harmonies

## Analogous

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



0046BF



4D21A4



92006F

# Triad

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



4D21A4



732B00



005753

# Complementary

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



4D21A4



78A421

# 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.



00550D



4D21A4



414500

# Square

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



4D21A4



960000



005000



00588F

# Rectangle

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



4D21A4



A20047



005000



00563D



# Sweetspot

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



4D21A4



B4A3D6



2178A4



564C6B



EBEBEB



6B6B6B



# Same Dimension

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



4D21A4



4E09D6



8E21A4



4C4952



310091



060012



# Inverse Universe

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



A42178



D60991



37A421



52494F



910061

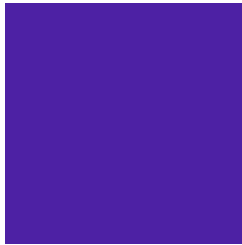


12000C



# Previews

## White Background



This preview shows how the Hex color 4D21A4 looks on a white background.

## Color Contrast Check

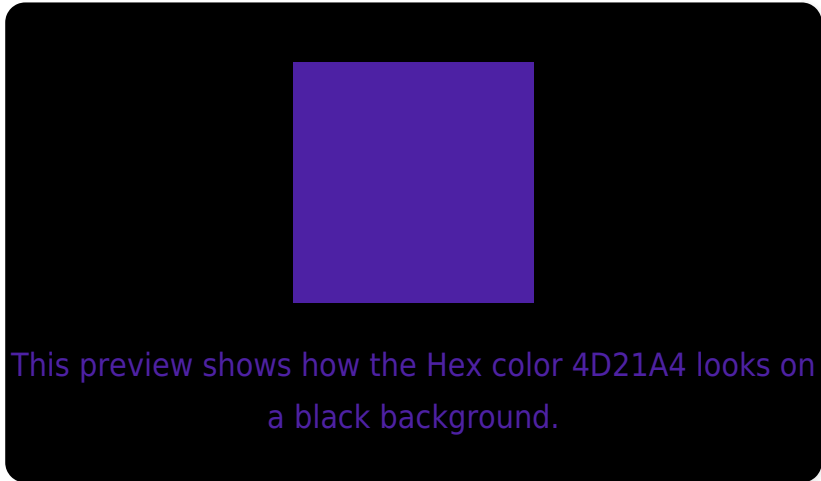
Large Text (above 18pt) WCAG AA ✓ Pass

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

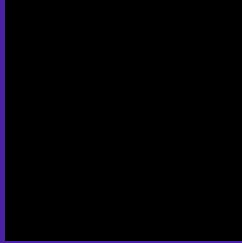
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D21A4 Background



This preview shows how black text looks on a background with the Hex color 4D21A4.



This preview shows how white text looks on a background with the Hex color 4D21A4.

# 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**  
4D21A4

**Protanopia**  
004086

**Deuteranopia**  
004473



**Tritanopia**  
30454B

# Trichromacy



**Original Color**  
4D21A4

**Protanomaly**  
1C3591

**Deuteranomaly**  
1C3785

**Tritanomaly**  
3B386B

# Monochromacy



**Original Color**  
4D21A4

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
433362

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D21A4 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 #4D21A4 looks like.

```
.text, #text, p{  
    color:#4D21A4  
}
```

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 #4D21A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D21A4
}
```

## Border

The CSS property to change the border of an element to Hex 4D21A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

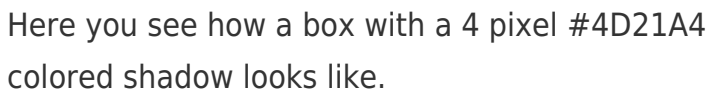
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D21A4 }
```

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

```
.border{ border-color:#4D21A4 }
```

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



Here you see how a box with a 4 pixel #4D21A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D21A4; -webkit-box-shadow:4px 4px  
4px 4px #4D21A4; box-shadow:4px 4px 4px  
4px #4D21A4 }
```

# Background

The CSS property to change the background color of an element to Hex 4D21A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D21A4 }
```

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

```
.background{ background-color:#4D21A4 }
```

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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