

# Converting Colors

Hex(4D04D6)

Have a look what the booklet for  
Hex(4D04D6) contains.

<b>Hex(4D04D6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Hex(4D04D6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D04D6
RGB	77, 4, 214
RGB Percent	30%, 2%, 84%
CMY	0.6980, 0.9843, 0.1608
CMYK	0.64, 0.98, 0.00, 0.16
HSL	261°, 96%, 43%
HSV	261°, 98%, 84%
XYZ	15.2416, 6.5197, 64.0734
YIQ	49.7670, -23.9020, 80.7860

# Conversions

## Conversions Part 2

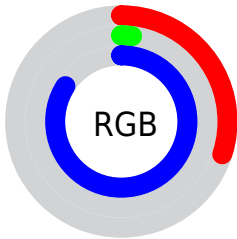
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">77, 4, 214</a>
Decimal	<a href="#">5047510</a>
CIELab	<a href="#">30.69, 70.41, -87.10</a>
CIELCh	<a href="#">31, 111.999, 308.949</a>
Yxy	<a href="#">6.5197, 0.1776, 0.0760</a>
Android (android.graphics.Color)	<a href="#">4283237590 (0xFF4D04D6)</a>
YUV	<a href="#">49.7670, 80.9669, 23.8833</a>
Hunter-Lab	<a href="#">25.5336, 61.8668, -130.9074</a>

# Details

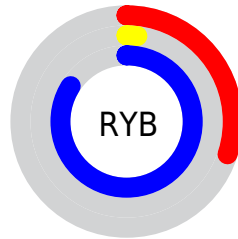
The Hex color **4D04D6** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **8DD604**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **9048FF**, and **00009E** is the 20% darker color. If you saturate the color by 10%, you get **4A00D6**, and if you desaturate by 10%, it is **5B19D6**.

# Distribution



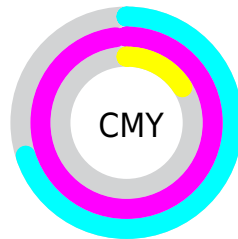
- Red (30%)
- Green (2%)
- Blue (84%)



- Red (30%)
- Yellow (2%)
- Blue (84%)



- Cyan (64%)
- Magenta (98%)
- Yellow (0%)
- Black (16%)



- Cyan (70%)
- Magenta (98%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D04D6 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 4D04D6 by changing the saturation by 10% instead.



4D04D6

4D04D6

FFFFFF

2100B9

9048FF

00009E

AF64FF

000082

CE7FFF

000068

ED9BFF

000A4F

FFB7FF

000537

FFD4FF

000221

FFF1FF

000005

000000

■ 4D04D6

■ 4D04D6

■ 4A00D6

■ 5B19D6

■ 692FD6

■ 7744D6

■ 855AD6

■ 936FD6

■ A184D6

■ AF9AD6

■ BDAFD6

■ CBC5D6

# Harmonies

## Analogous

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



0052FF



4D04D6



B90089

# Triad

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



4D04D6



882500



006262

# Complementary

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



4D04D6



8DD604

# 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.



006000



4D04D6



414E00

# Square

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



4D04D6



BA0000



005B00



0065B8

# Rectangle

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



4D04D6



CE0050



005B00



006143



# Sweetspot

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



4D04D6



CFB5FF



0490D6



625380



000000



808080



# Same Dimension

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



4D04D6



5900FF



B304D6



64606B



3B00AB



0F002B



# Inverse Universe

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



D6048D



FF00A6



27D604



6B6067



AB006F

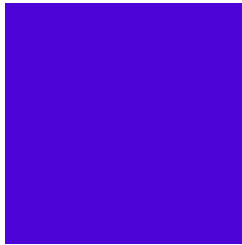


2B001C



# Previews

## White Background



This preview shows how the Hex color 4D04D6 looks on a white background.

## Color Contrast Check

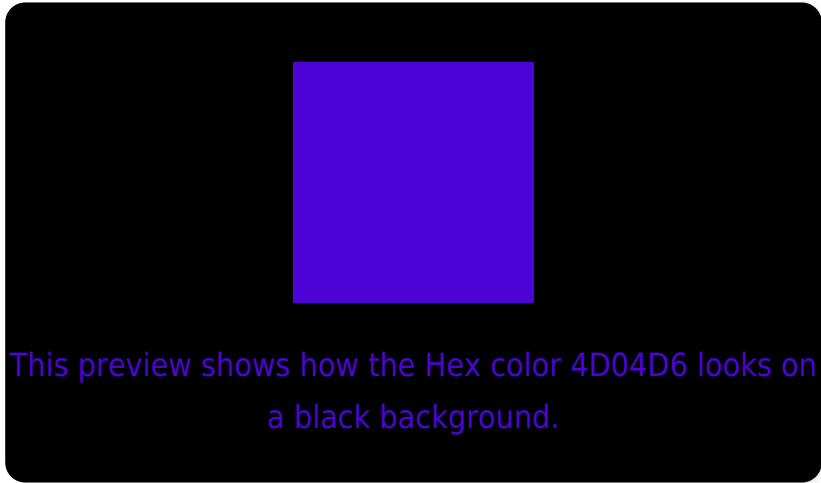
Large Text (above 18pt) WCAG AA ✓ Pass

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

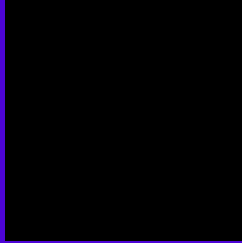
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D04D6 Background



This preview shows how black text looks on a background with the Hex color 4D04D6.



This preview shows how white text looks on a background with the Hex color 4D04D6.

# 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](#).

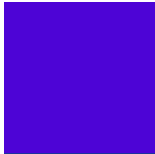
## Dichromacy



**Original Color**  
4D04D6

**Deuteranopia**  
004C7F

# Trichromacy

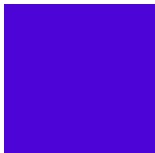


**Original Color**  
4D04D6



**Deuteranomaly**  
1C329F

# Monochromacy



**Original Color**  
4D04D6



**Achromatopsia**  
323232



**Achromatomaly**  
3C216E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D04D6 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 #4D04D6 looks like.

```
.text, #text, p{  
    color:#4D04D6  
}
```

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 #4D04D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D04D6
}
```

## Border

The CSS property to change the border of an element to Hex 4D04D6 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
#4D04D6 }
```

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

```
.border{ border-color:#4D04D6 }
```

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

Here you see how a box with a 4 pixel #4D04D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D04D6; -webkit-box-shadow:4px 4px  
4px 4px #4D04D6; box-shadow:4px 4px 4px  
4px #4D04D6 }
```

# Background

The CSS property to change the background color of an element to Hex 4D04D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D04D6 }
```

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

```
.background{ background-color:#4D04D6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

@ConvertingColor