

Converting Colors

Hex(4D23DC)

Have a look what the booklet for
Hex(4D23DC) contains.

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Color

Hex(4D23DC)

Conversions

Conversions Part 1

Format	Color
Hex	4D23DC
RGB	77, 35, 220
RGB Percent	30%, 14%, 86%
CMY	0.6980, 0.8627, 0.1373
CMYK	0.65, 0.84, 0.00, 0.14
HSL	254°, 73%, 50%
HSV	254°, 84%, 86%
XYZ	16.5799, 7.9472, 68.3702
YIQ	68.6480, -34.3530, 66.4390

Conversions

Conversions Part 2

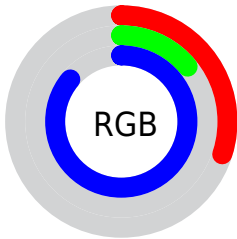
Format	Color
R_{YB}	77, 35, 220
Decimal	5055452
CIE _{Lab}	33.87, 64.40, -85.28
CIE _{LCh}	34, 106.865, 307.062
Yxy	7.9472, 0.1785, 0.0855
Android (android.graphics.Color)	4283245532 (0xFF4D23DC)
YUV	68.6480, 74.6165, 7.3247
Hunter-Lab	28.1907, 55.6480, -124.0612

Details

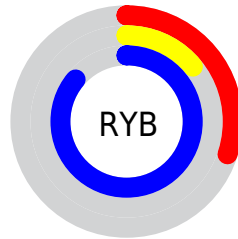
The Hex color **4D23DC** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B2DC23**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9059FF**, and **0000A3** is the 20% darker color. If you saturate the color by 10%, you get **3C0DDC**, and if you desaturate by 10%, it is **5E39DC**.

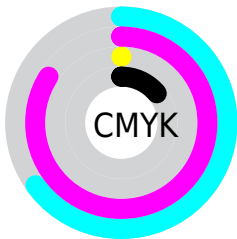
Distribution



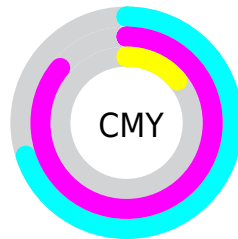
- Red (30%)
- Green (14%)
- Blue (86%)



- Red (30%)
- Yellow (14%)
- Blue (86%)



- Cyan (65%)
- Magenta (84%)
- Yellow (0%)
- Black (14%)



- Cyan (70%)
- Magenta (86%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D23DC 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 4D23DC by changing the saturation by 10% instead.

 4D23DC

 4D23DC

FFFFFF

 2000BF

 9059FF

 0000A3

 AF73FF

 000088

 CE8EFF

 00006E

 EDAAFF

 000B54

 FFC6FF

 00063C

 FFE3FF

 000225

 00010E

 000000

■ 4D23DC

■ 4D23DC

■ 3C0DDC

■ 5E39DC

■ 3200DC

■ 6F4FDC

■ 8065DC

■ 917BDC

■ A291DC

■ B3A7DC

■ C4BDDC

■ D5D3DC

■ E6E9DC

Harmonies

Analogous

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



005AFF



4D23DC



BB0094

Triad

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



4D23DC



942B00



006A63

Complementary

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



4D23DC



B2DC23

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.



006800



4D23DC



505400

Square

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



4D23DC



C30000



006300



006DB7

Rectangle

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



4D23DC



D2005C



006300



006945

Sweetspot

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



4D23DC



CEBFFF



23B4DC



625980



000000



808080

Same Dimension

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



4D23DC



3A00FF



A823DC



65636E



2700AD



0A002E

Inverse Universe

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



DC23B2



FF00C5



57DC23



6E636B



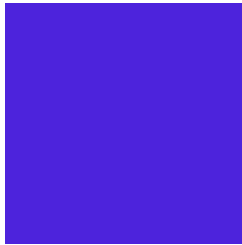
AD0086



2E0023

Previews

White Background



This preview shows how the Hex color 4D23DC 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

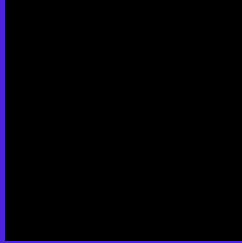
Any Text WCAG AA × Fail

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 4D23DC Background



This preview shows how black text looks on a background with the Hex color 4D23DC.

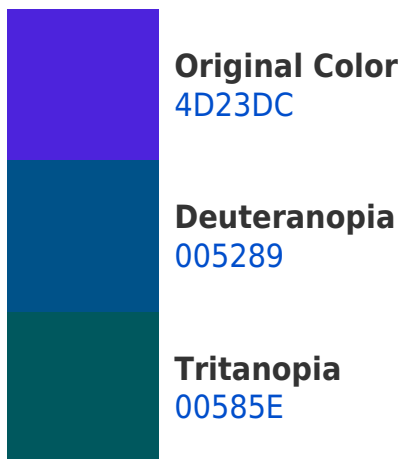


This preview shows how white text looks on a background with the Hex color 4D23DC.

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



Trichromacy



Original Color
4D23DC

Deuteranomaly
1C41A7

Tritanomaly
1C458C

Monochromacy



Original Color
4D23DC

Achromatopsia
454545

Achromatomaly
48397C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D23DC 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 #4D23DC looks like.

```
.text, #text, p{  
    color:#4D23DC  
}
```

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 #4D23DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D23DC
}
```

Border

The CSS property to change the border of an element to Hex 4D23DC 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".

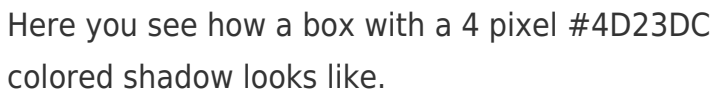
```
.border, #border, table{ border:4px solid
#4D23DC }
```

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

```
.border{ border-color:#4D23DC }
```

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

Here you see how a box with a 4 pixel #4D23DC colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D23DC; -webkit-box-shadow:4px 4px  
4px 4px #4D23DC; box-shadow:4px 4px 4px  
4px #4D23DC }
```

Background

The CSS property to change the background color of an element to Hex 4D23DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D23DC }
```

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

```
.background{ background-color:#4D23DC }
```

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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