

Converting Colors

Hex(4D14DE)

Have a look what the booklet for
Hex(4D14DE) contains.

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Color

Hex(4D14DE)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4D14DE |
| RGB | 77, 20, 222 |
| RGB Percent | 30%, 8%, 87% |
| CMY | 0.6980, 0.9216, 0.1294 |
| CMYK | 0.65, 0.91, 0.00, 0.13 |
| HSL | 257°, 83%, 47% |
| HSV | 257°, 91%, 87% |
| XYZ | 16.4955, 7.3520, 69.6569 |
| YIQ | 60.0710, -30.8700, 74.9060 |

Conversions

Conversions Part 2

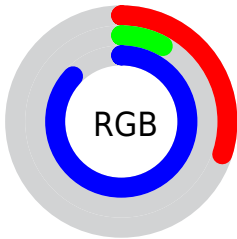
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 77, 20, 222 |
| Decimal | 5051614 |
| CIE _{Lab} | 32.60, 69.44, -88.55 |
| CIE _{LCh} | 33, 112.525, 308.103 |
| Yxy | 7.3520, 0.1764, 0.0786 |
| Android (android.graphics.Color) | 4283241694 (0xFF4D14DE) |
| YUV | 60.0710, 79.8310, 14.8467 |
| Hunter-Lab | 27.1146, 61.1423, -133.3347 |

Details

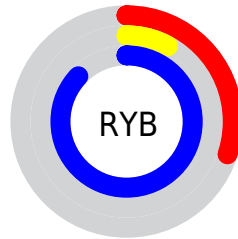
The Hex color **4D14DE** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A5DE14**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **9150FF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **3F00DE**, and if you desaturate by 10%, it is **5D2ADE**.

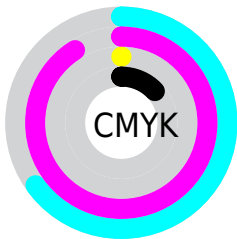
Distribution



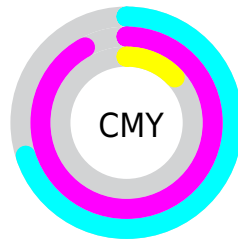
- Red (30%)
- Green (8%)
- Blue (87%)



- Red (30%)
- Yellow (8%)
- Blue (87%)



- Cyan (65%)
- Magenta (91%)
- Yellow (0%)
- Black (13%)



- Cyan (70%)
- Magenta (92%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D14DE 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 4D14DE by changing the saturation by 10% instead.

4D14DE

4D14DE

FFFFFF

1E00C1

9150FF

0000A5

B06BFF

00008A

CF86FF

00006F

EFA2FF

000C55

FFBEFF

00063D

FFDAFF

000326

FFF8FF

000110

000000

■ 4D14DE

■ 4D14DE

■ 3F00DE

■ 5D2ADE

■ 6D40DE

■ 7D57DE

■ 8D6DDE

■ 9D83DE

■ AD99DE

■ BDAFDE

■ CCC6DE

■ DCDCDE

Harmonies

Analogous

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



0057FF



4D14DE



BE0091

Triad

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



4D14DE



902800



006764

Complementary

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



4D14DE



A5DE14

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.



006500



4D14DE



495200

Square

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



4D14DE



C20000



006000



006ABC

Rectangle

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



4D14DE



D50057



006000



006645

Sweetspot

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



4D14DE



CEBAFF



14A8DE



625780



000000



808080

Same Dimension

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



4D14DE



4800FF



AF14DE



686570



3200B0



0E0030

Inverse Universe

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



DE14A5



FF00B7



43DE14



70656D



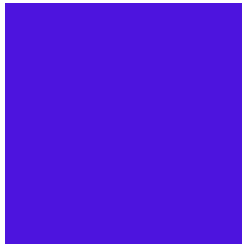
B0007E



300023

Previews

White Background



This preview shows how the Hex color 4D14DE looks on a white background.

Color Contrast Check

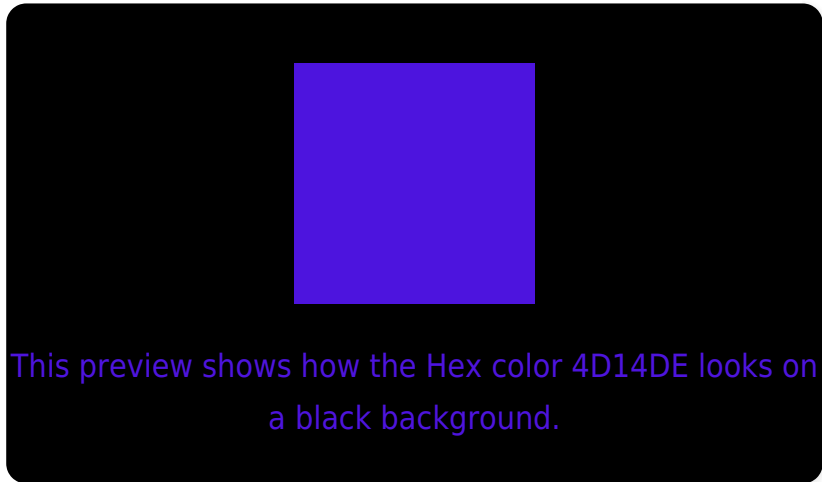
Large Text (above 18pt) WCAG AA ✓ Pass

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

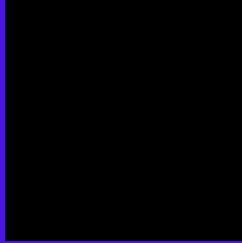
Any Text WCAG AA × Fail

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 4D14DE Background



This preview shows how black text looks on a background with the Hex color 4D14DE.



This preview shows how white text looks on a background with the Hex color 4D14DE.

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
4D14DE

Protanopia
004A9C

Deuteranopia
004F85



Tritanopia
00555B

Trichromacy



Original Color
4D14DE

Protanomaly
1C36B4

Deuteranomaly
1C3AA5

Tritanomaly
1C3D8B

Monochromacy



Original Color
4D14DE

Achromatopsia
3C3C3C

Achromatomaly
422D77

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D14DE 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 #4D14DE looks like.

```
.text, #text, p{  
    color:#4D14DE  
}
```

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 #4D14DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D14DE
}
```

Border

The CSS property to change the border of an element to Hex 4D14DE 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".

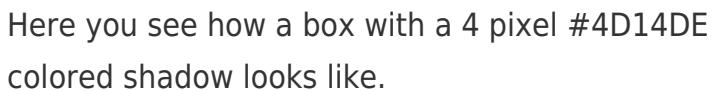
```
.border, #border, table{ border:4px solid
#4D14DE }
```

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

```
.border{ border-color:#4D14DE }
```

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

Here you see how a box with a 4 pixel #4D14DE 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 #4D14DE; -webkit-box-shadow:4px 4px  
4px 4px #4D14DE; box-shadow:4px 4px 4px  
4px #4D14DE }
```

Background

The CSS property to change the background color of an element to Hex 4D14DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D14DE }
```

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

```
.background{ background-color:#4D14DE }
```

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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