

Converting Colors

Hex(4D16A3)

Have a look what the booklet for
Hex(4D16A3) contains.

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Color

Hex(4D16A3)

Conversions

Conversions Part 1

Format	Color
Hex	4D16A3
RGB	77, 22, 163
RGB Percent	30%, 9%, 64%
CMY	0.6980, 0.9137, 0.3608
CMYK	0.53, 0.87, 0.00, 0.36
HSL	263°, 76%, 36%
HSV	263°, 87%, 64%
XYZ	9.9583, 4.7959, 35.0512
YIQ	54.5190, -12.4810, 55.5110

Conversions

Conversions Part 2

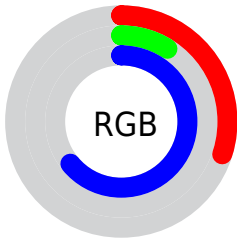
Format	Color
R_{YB}	77, 22, 163
Decimal	5052067
CIE _{Lab}	26.15, 54.05, -64.41
CIE _{LCh}	26, 84.083, 310.005
Yxy	4.7959, 0.1999, 0.0963
Android (android.graphics.Color)	4283242147 (0xFF4D16A3)
YUV	54.5190, 53.4811, 19.7158
Hunter-Lab	21.8996, 42.8442, -79.5661

Details

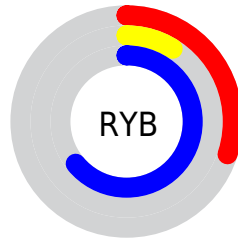
The Hex color **4D16A3** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6CA316**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **874BDB**, and **00006E** is the 20% darker color. If you saturate the color by 10%, you get **4306A3**, and if you desaturate by 10%, it is **5726A3**.

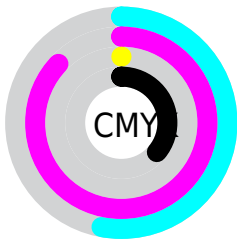
Distribution



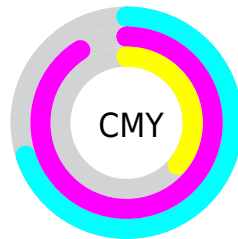
- Red (30%)
- Green (9%)
- Blue (64%)



- Red (30%)
- Yellow (9%)
- Blue (64%)



- Cyan (53%)
- Magenta (87%)
- Yellow (0%)
- Black (36%)



- Cyan (70%)
- Magenta (91%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D16A3 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 4D16A3 by changing the saturation by 10% instead.

4D16A3

4D16A3

FFFFFF

2D0088

874BDB

00006E

A465F8

000055

C180FF

00063C

DF9BFF

000225

FDB6FF

00010E

FFD3FF

000000

FFEEFF

4D16A3

4D16A3

■ 4306A3

■ 5726A3

■ 4000A3

■ 6137A3

■ 6B47A3

■ 7557A3

■ 7F67A3

■ 8978A3

■ 9388A3

■ 9D98A3

■ A6A9A3

Harmonies

Analogous

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



0043C1



4D16A3



93006B

Triad

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



4D16A3



6E2800



005353

Complementary

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



4D16A3



6CA316

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.



005109



4D16A3



394300

Square

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



4D16A3



930000



004D00



005491

Rectangle

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



4D16A3



A20041



004D00



00523C

Sweetspot

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



4D16A3



B29DD4



166DA3



574A6B



EBEBEB



6B6B6B

Same Dimension

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



4D16A3



5300D4



9316A3



4D4952



390091



070012

Inverse Universe

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



A3166C



D40081



26A316



52494E



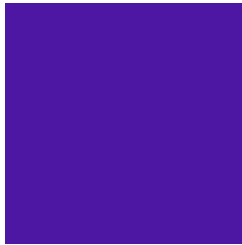
910059



12000B

Previews

White Background



This preview shows how the Hex color 4D16A3 looks on a white background.

Color Contrast Check

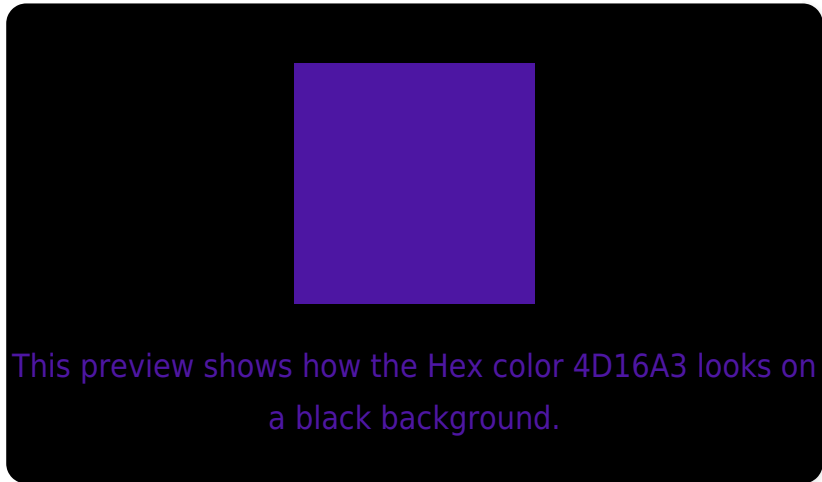
Large Text (above 18pt) WCAG AA ✓ Pass

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

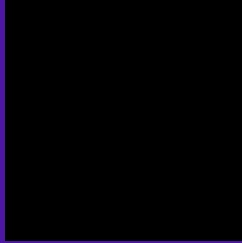
Any Text WCAG AA × Fail

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 4D16A3 Background



This preview shows how black text looks on a background with the Hex color 4D16A3.



This preview shows how white text looks on a background with the Hex color 4D16A3.

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
4D16A3

Protanopia
003D80

Deuteranopia
00416D



Tritanopia
304247

Trichromacy



Original Color
4D16A3



Protanomaly
1C2F8D



Deuteranomaly
1C3181



Tritanomaly
3B3268

Monochromacy



Original Color
4D16A3



Achromatopsia
373737



Achromatomaly
3F2B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D16A3 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 #4D16A3 looks like.

```
.text, #text, p{  
    color:#4D16A3  
}
```

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 #4D16A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D16A3  
}
```

Border

The CSS property to change the border of an element to Hex 4D16A3 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".

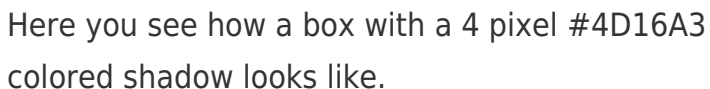
```
.border, #border, table{ border:4px solid  
#4D16A3 }
```

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

```
.border{ border-color:#4D16A3 }
```

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

Here you see how a box with a 4 pixel #4D16A3 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D16A3; -webkit-box-shadow:4px 4px  
4px 4px #4D16A3; box-shadow:4px 4px 4px  
4px #4D16A3 }
```

Background

The CSS property to change the background color of an element to Hex 4D16A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D16A3 }
```

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

```
.background{ background-color:#4D16A3 }
```

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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