

Converting Colors

Hex(4D0D53)

Have a look what the booklet for
Hex(4D0D53) contains.

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Color

Hex(4D0D53)

Conversions

Conversions Part 1

Format	Color
Hex	4D0D53
RGB	77, 13, 83
RGB Percent	30%, 5%, 33%
CMY	0.6980, 0.9490, 0.6745
CMYK	0.07, 0.84, 0.00, 0.67
HSL	295°, 73%, 19%
HSV	295°, 84%, 33%
XYZ	4.7658, 2.4902, 8.4131
YIQ	40.1160, 15.6740, 35.3380

Conversions

Conversions Part 2

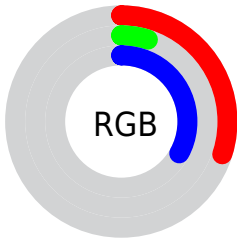
Format	Color
R_{YB}	77, 13, 83
Decimal	5049683
CIE _{Lab}	17.87, 38.37, -26.78
CIE _{LCh}	18, 46.789, 325.084
Yxy	2.4902, 0.3042, 0.1589
Android (android.graphics.Color)	4283239763 (0xFF4D0D53)
YUV	40.1160, 21.1418, 32.3473
Hunter-Lab	15.7802, 26.2937, -20.5637




Details

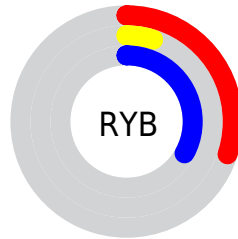
The Hex color **4D0D53** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **13530D**, and the grayscale version is **282828**.



A 20% lighter version of the original color is **814085**, and **200026** is the 20% darker color. If you saturate the color by 10%, you get **4C0553**, and if you desaturate by 10%, it is **4E1553**.

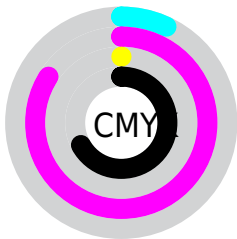
Distribution







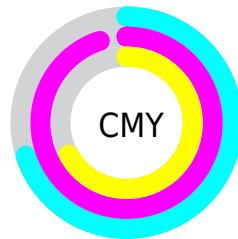
-  Red (30%)
-  Green (5%)
-  Blue (33%)






-  Red (30%)
-  Yellow (5%)
-  Blue (33%)



-  Cyan (7%)
-  Magenta (84%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (70%)
-  Magenta (95%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D0D53 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 4D0D53 by changing the saturation by 10% instead.

 4D0D53

 4D0D53

 FFFDFD

 34003C

 814085

 200026

 9B599F

 00010E

 B773BA

 000000

 D38DD6

 F0A8F3

 FFC4FF

 FFE0FF

 4D0D53

 4D0D53

■ 4C0553

■ 4E1553

■ 4C0053

■ 4E1E53

■ 4F2653

■ 502E53

■ 513653

■ 513F53

■ 524753

■ 534F53

■ 535853

Harmonies

Analogous

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



0F256A



4D0D53



620033

Triad

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



4D0D53



3C2900



003948

Complementary

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



4D0D53



13530D

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.



003925



4D0D53



1B3200

Square

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



4D0D53



541700



003700



003863

Rectangle

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



4D0D53



64001D



003700



00393D

Sweetspot

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



4D0D53



69506B



0D1453



342536



B5B5B5



363636

Same Dimension

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



4D0D53



62006B



530D37



282529



600069



D400E8

Inverse Universe

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



530D13



6B0009



0D5329



292525



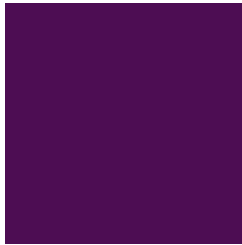
690009



E80014

Previews

White Background



This preview shows how the Hex color 4D0D53 looks on a white background.

Color Contrast Check

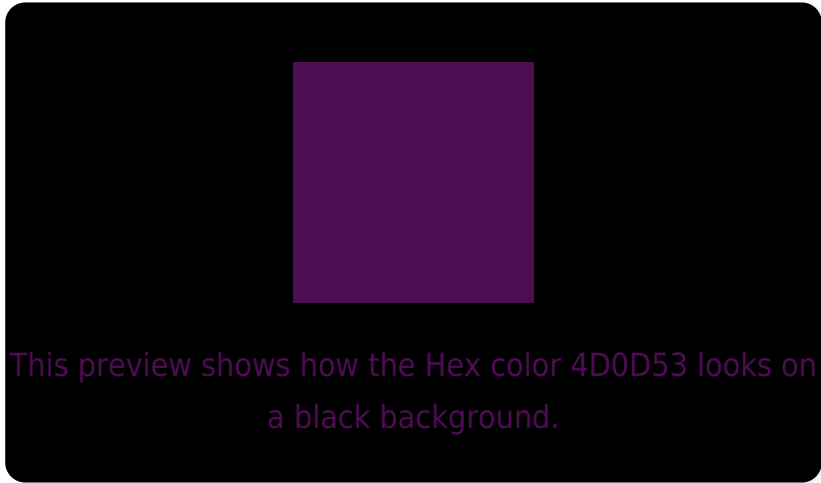
Large Text (above 18pt) WCAG AA ✓ Pass

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

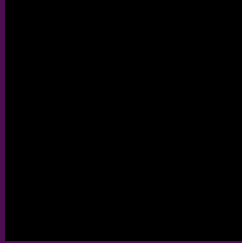
Any Text WCAG AA × Fail

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 4D0D53 Background



This preview shows how black text looks on a background with the Hex color 4D0D53.



This preview shows how white text looks on a background with the Hex color 4D0D53.

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
4D0D53

Protanopia
002C5E

Deuteranopia
162E4E



Tritanopia
472225

Trichromacy



Original Color
4D0D53

Protanomaly
1C215A

Deuteranomaly
2A2250

Tritanomaly
491A36

Monochromacy



Original Color
4D0D53

Achromatopsia
282828

Achromatomaly
351E38

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D0D53 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 #4D0D53 looks like.

```
.text, #text, p{  
    color:#4D0D53  
}
```

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 #4D0D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0D53
}
```

Border

The CSS property to change the border of an element to Hex 4D0D53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

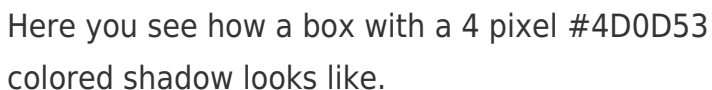
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D0D53 }
```

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

```
.border{ border-color:#4D0D53 }
```

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



Here you see how a box with a 4 pixel #4D0D53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0D53; -webkit-box-shadow:4px 4px  
4px 4px #4D0D53; box-shadow:4px 4px 4px  
4px #4D0D53 }
```

Background

The CSS property to change the background color of an element to Hex 4D0D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0D53 }
```

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

```
.background{ background-color:#4D0D53 }
```

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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