

Converting Colors

Hex(4D0D55)

Have a look what the booklet for
Hex(4D0D55) contains.

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Color

Hex(4D0D55)

Conversions

Conversions Part 1

Format	Color
Hex	4D0D55
RGB	77, 13, 85
RGB Percent	30%, 5%, 33%
CMY	0.6980, 0.9490, 0.6667
CMYK	0.09, 0.85, 0.00, 0.67
HSL	293°, 73%, 19%
HSV	293°, 85%, 33%
XYZ	4.8442, 2.5215, 8.8257
YIQ	40.3440, 15.0320, 35.9600

Conversions

Conversions Part 2

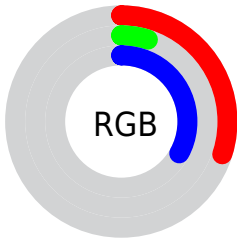
Format	Color
RYB	77, 13, 85
Decimal	5049685
CIELab	18.02, 38.76, -27.91
CIElCh	18, 47.763, 324.247
Yxy	2.5215, 0.2992, 0.1557
Android (android.graphics.Color)	4283239765 (0xFF4D0D55)
YUV	40.3440, 22.0154, 32.1473
Hunter-Lab	15.8792, 26.6652, -21.8380

Details

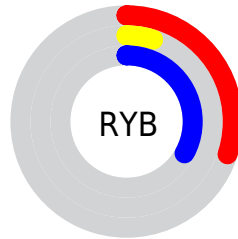
The Hex color **4D0D55** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **15550D**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **814087**, and **200027** is the 20% darker color. If you saturate the color by 10%, you get **4C0555**, and if you desaturate by 10%, it is **4E1555**.

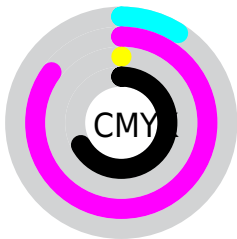
Distribution



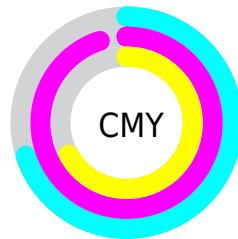
- Red (30%)
- Green (5%)
- Blue (33%)



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



- Cyan (9%)
- Magenta (85%)
- Yellow (0%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4D0D55 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 4D0D55 by changing the saturation by 10% instead.

 4D0D55

 4D0D55

 FFFDFD

 34003D

 814087

 200027

 9C59A2

 000110

 B773BD

 000000

 D38DD9

 F0A8F5

 FFC4FF

 FFE0FF

 4D0D55

 4D0D55

■ 4C0555

■ 4E1555

■ 4C0055

■ 4F1E55

■ 502755

■ 512F55

■ 523755

■ 534055

■ 544955

■ 555155

■ 555955

Harmonies

Analogous

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



07266C



4D0D55



630034

Triad

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



4D0D55



3D2900



003A48

Complementary

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



4D0D55



15550D

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.



003924



4D0D55



1C3200

Square

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



4D0D55



561600



003700



003864

Rectangle

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



4D0D55



65001E



003700



003A3C

Sweetspot

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



4D0D55



6B526E



0D1555



362738



B8B8B8



383838

Same Dimension

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



4D0D55



61006E



550D39



2B272B



5F006B



D100EB

Inverse Universe

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



550D15



6E000C



0D5529



2B2727



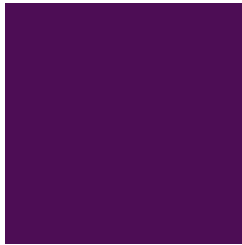
6B000C



EB001A

Previews

White Background



This preview shows how the Hex color 4D0D55 looks on a white background.

Color Contrast Check

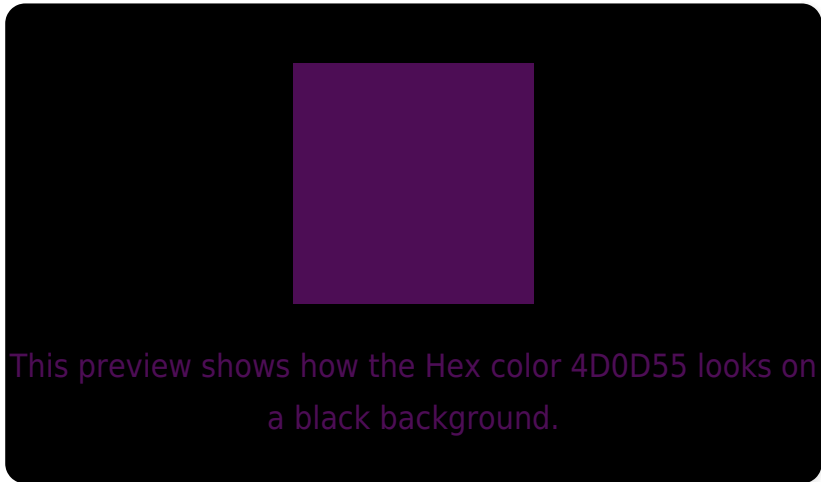
Large Text (above 18pt) WCAG AA ✓ Pass

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

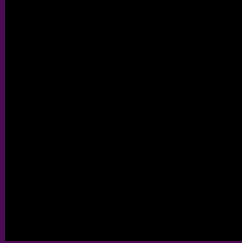
Any Text WCAG AA × Fail

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 4D0D55 Background



This preview shows how black text looks on a background with the Hex color 4D0D55.



This preview shows how white text looks on a background with the Hex color 4D0D55.

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





Tritanopia
472325

Trichromacy



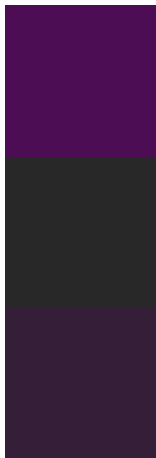
Original Color
4D0D55

Protanomaly
1C215B

Deuteranomaly
282352

Tritanomaly
491B36

Monochromacy



Original Color
4D0D55

Achromatopsia
282828

Achromatomaly
351E38

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D0D55 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 #4D0D55 looks like.

```
.text, #text, p{  
    color:#4D0D55  
}
```

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 #4D0D55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0D55
}
```

Border

The CSS property to change the border of an element to Hex 4D0D55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

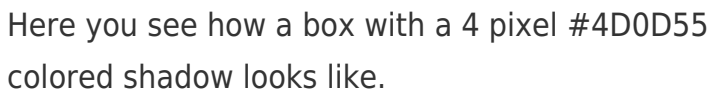
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D0D55 }
```

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

```
.border{ border-color:#4D0D55 }
```

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



Here you see how a box with a 4 pixel #4D0D55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0D55; -webkit-box-shadow:4px 4px  
4px 4px #4D0D55; box-shadow:4px 4px 4px  
4px #4D0D55 }
```

Background

The CSS property to change the background color of an element to Hex 4D0D55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0D55 }
```

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

```
.background{ background-color:#4D0D55 }
```

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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