

Converting Colors

Hex(4D1048)

Have a look what the booklet for
Hex(4D1048) contains.

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Color

Hex(4D1048)

Conversions

Conversions Part 1

Format	Color
Hex	4D1048
RGB	77, 16, 72
RGB Percent	30%, 6%, 28%
CMY	0.6980, 0.9373, 0.7176
CMYK	0.00, 0.79, 0.06, 0.70
HSL	305°, 66%, 18%
HSV	305°, 79%, 30%
XYZ	4.4156, 2.4162, 6.3645
YIQ	40.6230, 18.3800, 30.3480

Conversions

Conversions Part 2

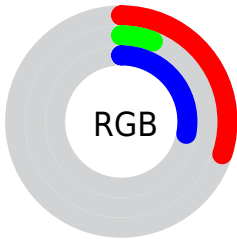
Format	Color
R_{YB}	77, 16, 72
Decimal	5050440
CIE _{Lab}	17.54, 35.19, -19.80
CIE _{LCh}	18, 40.380, 330.639
Yxy	2.4162, 0.3346, 0.1831
Android (android.graphics.Color)	4283240520 (0xFF4D1048)
YUV	40.6230, 15.4689, 31.9026
Hunter-Lab	15.5443, 23.5029, -13.3951

Details

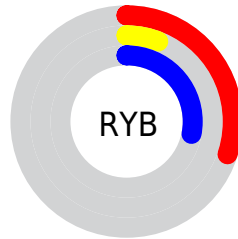
The Hex color **4D1048** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **104D15**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **804279**, and **1F001C** is the 20% darker color. If you saturate the color by 10%, you get **4D0847**, and if you desaturate by 10%, it is **4D1849**.

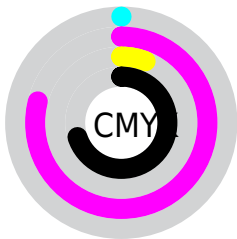
Distribution



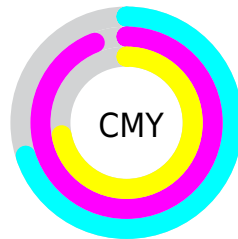
- Red (30%)
- Green (6%)
- Blue (28%)



- Red (30%)
- Yellow (6%)
- Blue (28%)



- Cyan (0%)
- Magenta (79%)
- Yellow (6%)
- Black (70%)



- Cyan (70%)
- Magenta (94%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D1048 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 4D1048 by changing the saturation by 10% instead.

 4D1048

 4D1048

FFFEFF

 350031

 804279

 1F001C

 9B5A93

 000000

 B774AD

 D38EC9

 EFA9E5

 FFC5FF

 FFE1FF

 4D1048

 4D1048

■ 4D0847

■ 4D1849

■ 4D0147

■ 4D1F49

■ 4D0047

■ 4D274A

■ 4D2F4B

■ 4D374B

■ 4D3E4C

■ 4D464C

■ 4D4E4D

■ 4D554E

Harmonies

Analogous

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



27235E



4D1048



5C002C

Triad

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



4D1048



362A00



003748

Complementary

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



4D1048



104D15

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.



00372B



4D1048



193100

Square

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



4D1048



4C1D00



00350B



00355E

Rectangle

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



4D1048



5C0419



00350B



00373F

Sweetspot

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



4D1048



634C61



14104D



332432



B3B3B3



333333

Same Dimension

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



4D1048



63055C



4D102A



262226



66005E



E600D3

Inverse Universe

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



4D1048



63055C



104D33



262226



66005E



E600D3

Previews

White Background



This preview shows how the Hex color 4D1048 looks on a white background.

Color Contrast Check

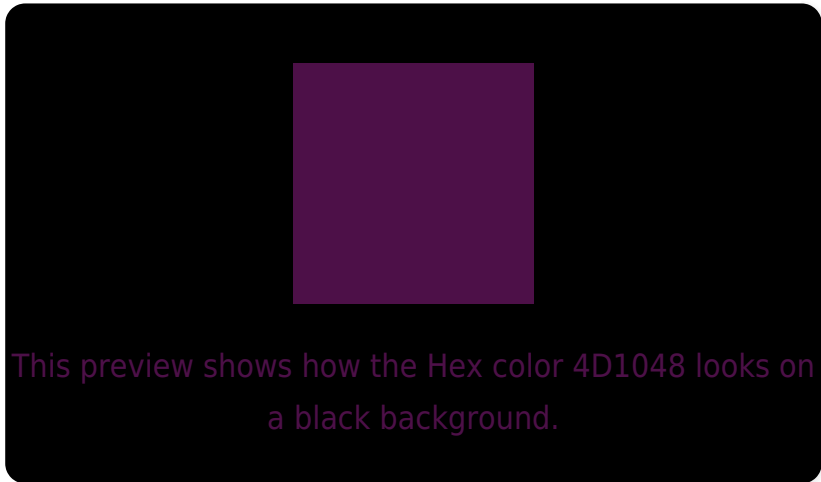
Large Text (above 18pt) WCAG AA ✓ Pass

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

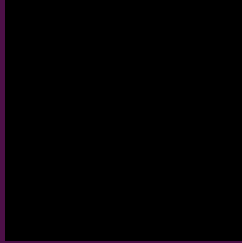
Any Text WCAG AA × Fail

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 4D1048 Background



This preview shows how black text looks on a background with the Hex color 4D1048.

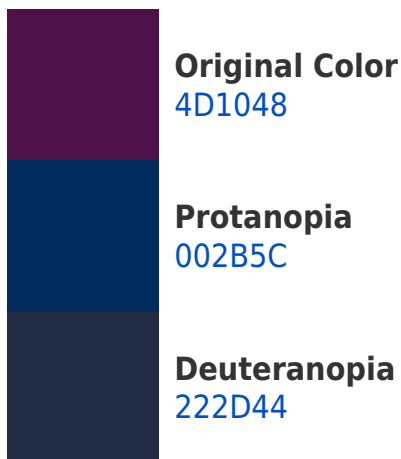


This preview shows how white text looks on a background with the Hex color 4D1048.

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
491F21

Trichromacy



Original Color
4D1048

Protanomaly
1C2155

Deuteranomaly
322245

Tritanomaly
4A1A2F

Monochromacy



Original Color
4D1048

Achromatopsia
292929

Achromatomaly
362034

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D1048 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 #4D1048 looks like.

```
.text, #text, p{  
    color:#4D1048  
}
```

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 #4D1048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D1048  
}
```

Border

The CSS property to change the border of an element to Hex 4D1048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

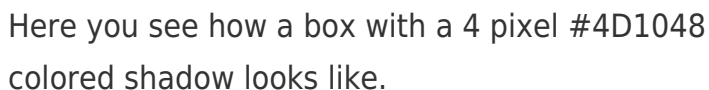
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4D1048 }
```

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

```
.border{ border-color:#4D1048 }
```

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



Here you see how a box with a 4 pixel #4D1048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D1048; -webkit-box-shadow:4px 4px  
4px 4px #4D1048; box-shadow:4px 4px 4px  
4px #4D1048 }
```

Background

The CSS property to change the background color of an element to Hex 4D1048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D1048 }
```

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

```
.background{ background-color:#4D1048 }
```

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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