

Converting Colors

Hex(4D2747)

Have a look what the booklet for
Hex(4D2747) contains.

Hex(4D2747)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4D2747)

Conversions

Conversions Part 1

Format	Color
Hex	4D2747
RGB	77, 39, 71
RGB Percent	30%, 15%, 28%
CMY	0.6980, 0.8471, 0.7216
CMYK	0.00, 0.49, 0.08, 0.70
HSL	309°, 33%, 23%
HSV	309°, 49%, 30%
XYZ	4.9234, 3.4838, 6.3742
YIQ	54.0100, 12.3760, 18.0080

Conversions

Conversions Part 2

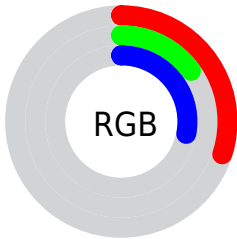
Format	Color
RYB	77, 39, 71
Decimal	5056327
CIELab	21.89, 23.09, -12.34
CIElCh	22, 26.176, 331.879
Yxy	3.4838, 0.3331, 0.2357
Android (android.graphics.Color)	4283246407 (0xFF4D2747)
YUV	54.0100, 8.3761, 20.1622
Hunter-Lab	18.6648, 14.4215, -7.1826




Details

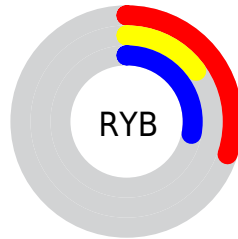
The Hex color **4D2747** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **274D2D**, and the grayscale version is **363636**.




A 20% lighter version of the original color is **7F5577**, and **22001C** is the 20% darker color. If you saturate the color by 10%, you get **4D1F46**, and if you desaturate by 10%, it is **4D2F48**.

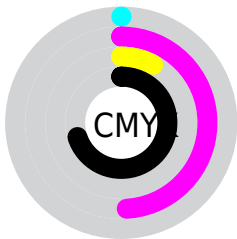
Distribution







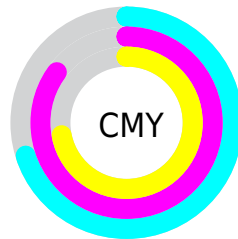
-  Red (30%)
-  Green (15%)
-  Blue (28%)






-  Red (30%)
-  Yellow (15%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (49%)
-  Yellow (8%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (85%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D2747 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 4D2747 by changing the saturation by 10% instead.



4D2747



4D2747

FFFFFF



351131



7F5577



22001C



996E91



000000



B488AC



D0A2C7



EDBDE3



FFD9FF



FFF6FF



4D2747



4D2747

■ 4D1F46

■ 4D2F48

■ 4D1845

■ 4D3649

■ 4D1043

■ 4D3E4B

■ 4D0842

■ 4D464C

■ 4D0141

■ 4D4E4D

■ 4D0041

■ 4D554E

■ 4D5D50

■ 4D6551

■ 4D6C52

Harmonies

Analogous

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



372F55



4D2747



572334

Triad

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



4D2747



3E340B



003E48

Complementary

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



4D2747



274D2D

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.



003E35



4D2747



2A3911

Square

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



4D2747



4D2D12



0E3C21



003B56

Rectangle

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



4D2747



582427



0E3C21



003E42

Sweetspot

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



4D2747



635561



2D274D



332A32



B3B3B3



333333

Same Dimension

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



4D2747



63295A



4D2734



262226



660056



E600C1

Inverse Universe

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



4D2747



63295A



274D40



262226



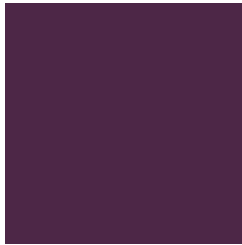
660056



E600C1

Previews

White Background



This preview shows how the Hex color 4D2747 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

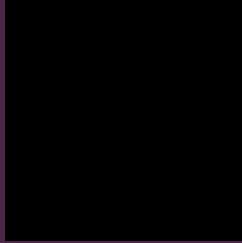
Any Text WCAG AA × Fail

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 4D2747 Background



This preview shows how black text looks on a background with the Hex color 4D2747.



This preview shows how white text looks on a background with the Hex color 4D2747.

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
4D2747

Protanopia
2B3451

Deuteranopia
323445



Tritanopia
4A2C30

Trichromacy



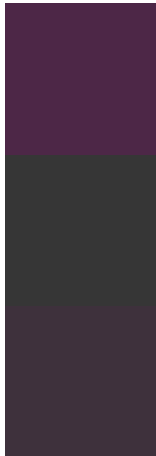
Original Color
4D2747

Protanomaly
372F4D

Deuteranomaly
3C2F46

Tritanomaly
4B2A38

Monochromacy



Original Color
4D2747

Achromatopsia
363636

Achromatomaly
3E313C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D2747 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 #4D2747 looks like.

```
.text, #text, p{  
    color:#4D2747  
}
```

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 #4D2747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D2747
}
```

Border

The CSS property to change the border of an element to Hex 4D2747 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".

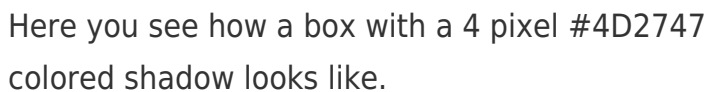
```
.border, #border, table{ border:4px solid
#4D2747 }
```

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

```
.border{ border-color:#4D2747 }
```

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

Here you see how a box with a 4 pixel #4D2747 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D2747; -webkit-box-shadow:4px 4px  
4px 4px #4D2747; box-shadow:4px 4px 4px  
4px #4D2747 }
```

Background

The CSS property to change the background color of an element to Hex 4D2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D2747 }
```

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

```
.background{ background-color:#4D2747 }
```

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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