

Converting Colors

Hex(4D2340)

Have a look what the booklet for
Hex(4D2340) contains.

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Color

Hex(4D2340)

Conversions

Conversions Part 1

Format	Color
Hex	4D2340
RGB	77, 35, 64
RGB Percent	30%, 14%, 25%
CMY	0.6980, 0.8627, 0.7490
CMYK	0.00, 0.55, 0.17, 0.70
HSL	319°, 37%, 22%
HSV	319°, 55%, 30%
XYZ	4.5870, 3.1500, 5.2167
YIQ	50.8640, 15.7230, 17.9230

Conversions

Conversions Part 2

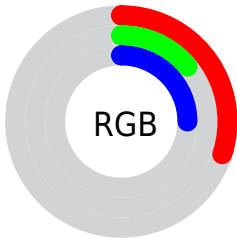
Format	Color
R_{YB}	77, 35, 64
Decimal	5055296
CIE Lab	20.63, 24.13, -9.48
CIE LCh	21, 25.925, 338.560
Yxy	3.1500, 0.3541, 0.2432
Android (android.graphics.Color)	4283245376 (0xFF4D2340)
YUV	50.8640, 6.4760, 22.9213
Hunter-Lab	17.7483, 15.0736, -5.0033

Details

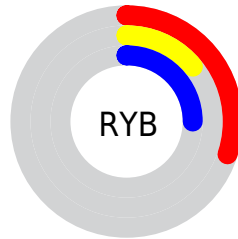
The Hex color **4D2340** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **234D30**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7F5170**, and **230016** is the 20% darker color. If you saturate the color by 10%, you get **4D1B3E**, and if you desaturate by 10%, it is **4D2B42**.

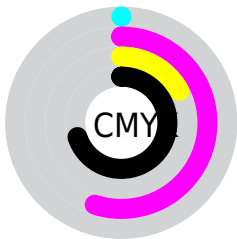
Distribution



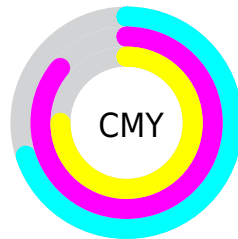
- Red (30%)
- Green (14%)
- Blue (25%)



- Red (30%)
- Yellow (14%)
- Blue (25%)



- Cyan (0%)
- Magenta (55%)
- Yellow (17%)
- Black (70%)



- Cyan (70%)
- Magenta (86%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D2340 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 4D2340 by changing the saturation by 10% instead.

 4D2340

 4D2340

FFFFFF

 350D2A

 7F5170

 230016

 9A6A89

 000000

 B583A3

 D19EBF

 EDB9DA

 FFD5F7

 FFF1FF

 4D2340

 4D2340

■ 4D1B3E

■ 4D2B42

■ 4D143B

■ 4D3245

■ 4D0C39

■ 4D3A47

■ 4D0436

■ 4D424A

■ 4D0035

■ 4D4A4C

■ 4D514E

■ 4D5951

■ 4D6153

■ 4D6855

Harmonies

Analogous

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



3A2A50



4D2340



55202D

Triad

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



4D2340



373208



003A49

Complementary

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



4D2340



234D30

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.



003B37



4D2340



233712

Square

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



4D2340



472C0D



003A23



003755

Rectangle

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



4D2340



542221



003A23



003B43

Sweetspot

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



4D2340



63545F



30234D



332930



B3B3B3



333333

Same Dimension

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



4D2340



63234F



4D232B



262225



660046



E6009E

Inverse Universe

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



4D2340



63234F



234D45



262225



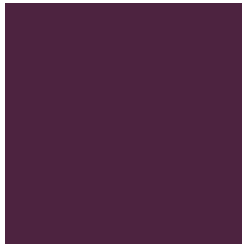
660046



E6009E

Previews

White Background



This preview shows how the Hex color 4D2340 looks on a white background.

Color Contrast Check

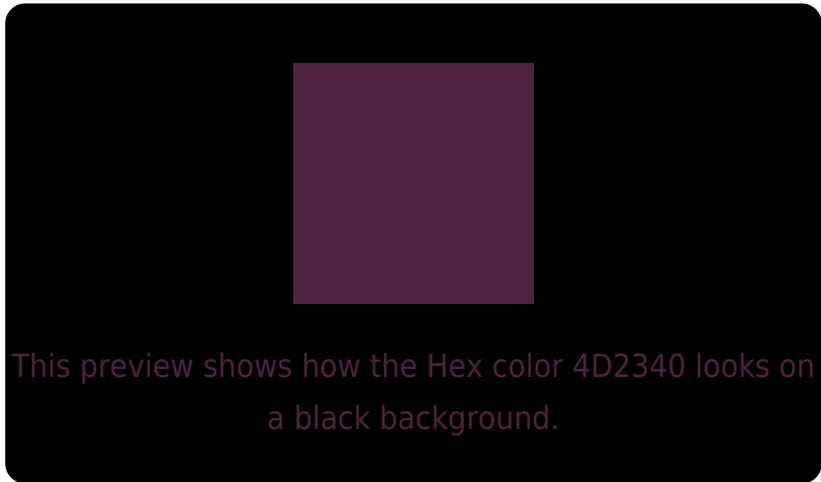
Large Text (above 18pt) WCAG AA ✓ Pass

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

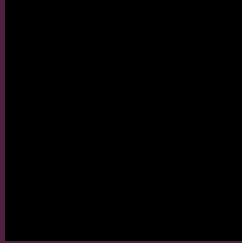
Any Text WCAG AA × Fail

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 4D2340 Background



This preview shows how black text looks on a background with the Hex color 4D2340.



This preview shows how white text looks on a background with the Hex color 4D2340.

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](#).

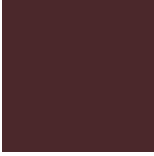
Dichromacy



Original Color
4D2340

Protanopia
2A324B

Deuteranopia
32313E



Tritanopia
4B282B

Trichromacy



Original Color

4D2340

Protanomaly

372D47

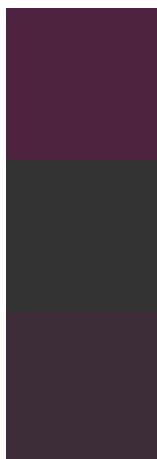
Deuteranomaly

3C2C3F

Tritanomaly

4C2633

Monochromacy



Original Color

4D2340

Achromatopsia

333333

Achromatomaly

3C2D38

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D2340 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 #4D2340 looks like.

```
.text, #text, p{  
    color:#4D2340  
}
```

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 #4D2340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D2340
}
```

Border

The CSS property to change the border of an element to Hex 4D2340 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
#4D2340 }
```

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

```
.border{ border-color:#4D2340 }
```

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

Here you see how a box with a 4 pixel #4D2340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D2340; -webkit-box-shadow:4px 4px  
4px 4px #4D2340; box-shadow:4px 4px 4px  
4px #4D2340 }
```

Background

The CSS property to change the background color of an element to Hex 4D2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D2340 }
```

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

```
.background{ background-color:#4D2340 }
```

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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