

Converting Colors

Hex(4D3050)

Have a look what the booklet for
Hex(4D3050) contains.

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Color

Hex(4D3050)

Conversions

Conversions Part 1

Format	Color
Hex	4D3050
RGB	77, 48, 80
RGB Percent	30%, 19%, 31%
CMY	0.6980, 0.8118, 0.6863
CMYK	0.04, 0.40, 0.00, 0.69
HSL	294°, 25%, 25%
HSV	294°, 40%, 31%
XYZ	5.5655, 4.2709, 8.1204
YIQ	60.3190, 7.0120, 16.1000

Conversions

Conversions Part 2

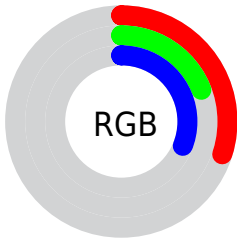
Format	Color
R_{YB}	77, 48, 80
Decimal	5058640
CIE Lab	24.55, 19.39, -14.28
CIE LCh	25, 24.075, 323.632
Yxy	4.2709, 0.3099, 0.2378
Android (android.graphics.Color)	4283248720 (0xFF4D3050)
YUV	60.3190, 9.7027, 14.6292
Hunter-Lab	20.6661, 11.9053, -8.8309

Details

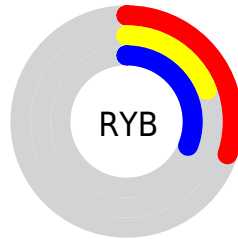
The Hex color **4D3050** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **335030**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **7F5F81**, and **210323** is the 20% darker color. If you saturate the color by 10%, you get **4C2850**, and if you desaturate by 10%, it is **4E3850**.

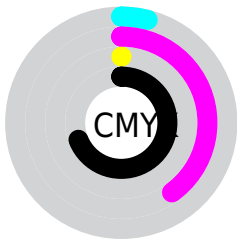
Distribution



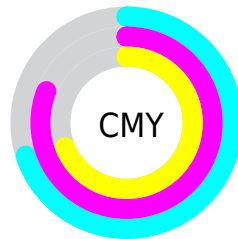
- Red (30%)
- Green (19%)
- Blue (31%)



- Red (30%)
- Yellow (19%)
- Blue (31%)



- Cyan (4%)
- Magenta (40%)
- Yellow (0%)
- Black (69%)



- Cyan (70%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3050 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 4D3050 by changing the saturation by 10% instead.

■ 4D3050

■ 4D3050

FFFFFF

■ 361A39

■ 7F5F81

■ 210323

■ 99789B

■ 00000C

■ B492B6

■ 000000

■ D0ACD2

■ ECC8EE

■ FFE4FF

■ 4D3050

■ 4D3050

■ 4C2850

■ 4E3850

■ 4C2050

■ 4E4050

■ 4B1850

■ 4F4850

■ 4A1050

■ 505050

■ 490850

■ 515850

■ 490050

■ 526050

■ 526850

■ 537050

■ 547850

Harmonies

Analogous

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



35375C



4D3050



5A2B3F

Triad

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



4D3050



483815



004348

Complementary

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



4D3050



335030

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.



004336



4D3050



373E18

Square

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



4D3050



56311E



214124



004257

Rectangle

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



4D3050



5C2B33



214124



004442

Sweetspot

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



4D3050



675C69



303350



352E36



B5B5B5



363636

Same Dimension

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



4D3050



643669



503043



282529



5F0069



D200E8

Inverse Universe

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



503033



69363B



30503D



292525



69000A



E80016

Previews

White Background



This preview shows how the Hex color 4D3050 looks on a white background.

Color Contrast Check

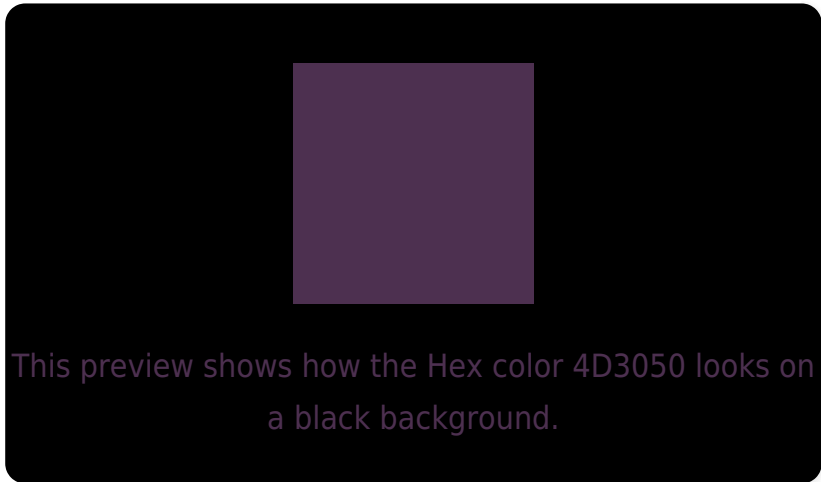
Large Text (above 18pt) WCAG AA ✓ Pass

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

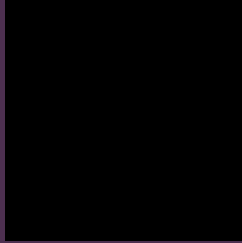
Any Text WCAG AA × Fail

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 4D3050 Background



This preview shows how black text looks on a background with the Hex color 4D3050.



This preview shows how white text looks on a background with the Hex color 4D3050.

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](#).

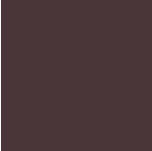
Dichromacy



Original Color
4D3050

Protanopia
303A58

Deuteranopia
363A4E



Tritanopia
4A3539

Trichromacy



Original Color

4D3050

Protanomaly

3B3655

Deuteranomaly

3E364F

Tritanomaly

4B3341

Monochromacy



Original Color

4D3050

Achromatopsia

3C3C3C

Achromatomaly

423843

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3050 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 #4D3050 looks like.

```
.text, #text, p{  
    color:#4D3050  
}
```

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 #4D3050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3050
}
```

Border

The CSS property to change the border of an element to Hex 4D3050 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
#4D3050 }
```

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

```
.border{ border-color:#4D3050 }
```

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

Here you see how a box with a 4 pixel #4D3050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3050; -webkit-box-shadow:4px 4px  
4px 4px #4D3050; box-shadow:4px 4px 4px  
4px #4D3050 }
```

Background

The CSS property to change the background color of an element to Hex 4D3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3050 }
```

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

```
.background{ background-color:#4D3050 }
```

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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