

Converting Colors

Hex(4C2750)

Have a look what the booklet for
Hex(4C2750) contains.

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Color

Hex(4C2750)

Conversions

Conversions Part 1

Format	Color
Hex	4C2750
RGB	76, 39, 80
RGB Percent	30%, 15%, 31%
CMY	0.7020, 0.8471, 0.6863
CMYK	0.05, 0.51, 0.00, 0.69
HSL	294°, 34%, 23%
HSV	294°, 51%, 31%
XYZ	5.1540, 3.5667, 8.0062
YIQ	54.7370, 8.8910, 20.5950

Conversions

Conversions Part 2

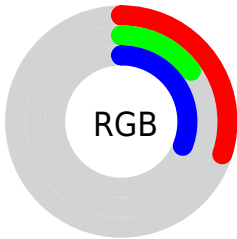
Format	Color
R_{YB}	76, 39, 80
Decimal	4990800
CIE _{Lab}	22.18, 24.66, -17.95
CIE _{LCh}	22, 30.508, 323.948
Yxy	3.5667, 0.3081, 0.2132
Android (android.graphics.Color)	4283180880 (0xFF4C2750)
YUV	54.7370, 12.4547, 18.6477
Hunter-Lab	18.8858, 15.6630, -11.9147

Details

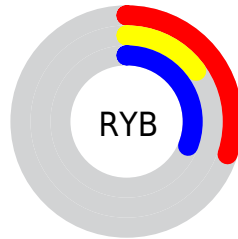
The Hex color **4C2750** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2B5027**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7E5681**, and **210023** is the 20% darker color. If you saturate the color by 10%, you get **4B1F50**, and if you desaturate by 10%, it is **4D2F50**.

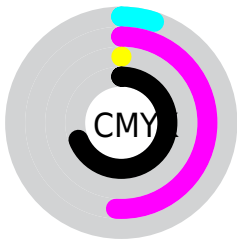
Distribution



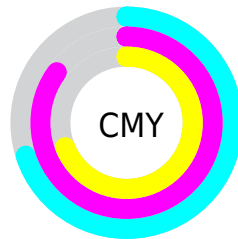
- Red (30%)
- Green (15%)
- Blue (31%)



- Red (30%)
- Yellow (15%)
- Blue (31%)



- Cyan (5%)
- Magenta (51%)
- Yellow (0%)
- Black (69%)



- Cyan (70%)
- Magenta (85%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C2750 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 4C2750 by changing the saturation by 10% instead.

 4C2750

 4C2750

FFFFFF

 341139

 7E5681

 210023

 986E9C

 00000B

 B388B6

 000000

 CFA2D2

 ECBEEE

 FFDAFF

 FFF6FF

 4C2750

 4C2750

■ 4B1F50

■ 4D2F50

■ 4A1750

■ 4E3750

■ 4A0F50

■ 4E3F50

■ 490750

■ 4F4750

■ 480050

■ 504F50

■ 515750

■ 515F50

■ 526750

■ 536F50

Harmonies

Analogous

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



2D315F



4C2750



5B203B

Triad

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



4C2750



453202



004047

Complementary

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



4C2750



2B5027

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.



003F30



4C2750



2F3906

Square

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



4C2750



552910



103D19



003E59

Rectangle

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



4C2750



5E202B



103D19



00403F

Sweetspot

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



4C2750



675969



272B50



352C36



B5B5B5



363636

Same Dimension

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



4C2750



622869



502740



282529



5E0069



D100E8

Inverse Universe

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



50272B



69282E



275037



292525



69000A



E80017

Previews

White Background



This preview shows how the Hex color 4C2750 looks on a white background.

Color Contrast Check

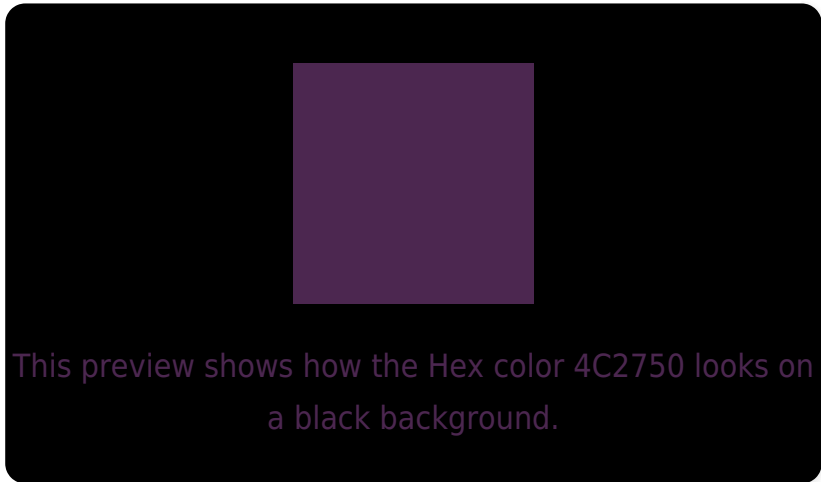
Large Text (above 18pt) WCAG AA ✓ Pass

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

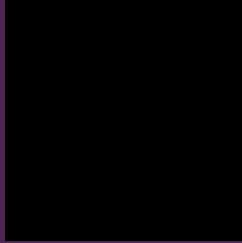
Any Text WCAG AA × Fail

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 4C2750 Background



This preview shows how black text looks on a background with the Hex color 4C2750.



This preview shows how white text looks on a background with the Hex color 4C2750.

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](#).

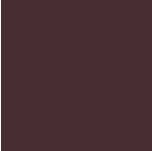
Dichromacy



Original Color
4C2750

Protanopia
25345C

Deuteranopia
2C354D



Tritanopia
482E32

Trichromacy



Original Color
4C2750

Protanomaly
332F58

Deuteranomaly
38304E

Tritanomaly
492B3D

Monochromacy



Original Color
4C2750

Achromatopsia
373737

Achromatomaly
3F3140

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C2750 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 #4C2750 looks like.

```
.text, #text, p{  
    color:#4C2750  
}
```

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 #4C2750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2750
}
```

Border

The CSS property to change the border of an element to Hex 4C2750 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
#4C2750 }
```

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

```
.border{ border-color:#4C2750 }
```

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

Here you see how a box with a 4 pixel #4C2750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2750; -webkit-box-shadow:4px 4px  
4px 4px #4C2750; box-shadow:4px 4px 4px  
4px #4C2750 }
```

Background

The CSS property to change the background color of an element to Hex 4C2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2750 }
```

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

```
.background{ background-color:#4C2750 }
```

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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