

Converting Colors

Hex(4C4250)

Have a look what the booklet for
Hex(4C4250) contains.

Hex(4C4250)	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(4C4250)

Conversions

Conversions Part 1

Format	Color
Hex	4C4250
RGB	76, 66, 80
RGB Percent	30%, 26%, 31%
CMY	0.7020, 0.7412, 0.6863
CMYK	0.05, 0.18, 0.00, 0.69
HSL	283°, 10%, 29%
HSV	283°, 17%, 31%
XYZ	6.3767, 6.0121, 8.4138
YIQ	70.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

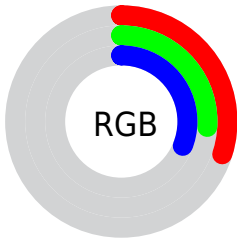
Format	Color
RYB	76, 66, 80
Decimal	4997712
CIELab	29.44, 7.29, -6.84
CIELCh	29, 9.997, 316.848
Yxy	6.0121, 0.3065, 0.2890
Android (android.graphics.Color)	4283187792 (0xFF4C4250)
YUV	70.5860, 4.6411, 4.7481
Hunter-Lab	24.5196, 3.5121, -3.1813

Details

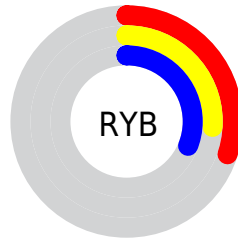
The Hex color **4C4250** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **465042**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7D7281**, and **201724** is the 20% darker color. If you saturate the color by 10%, you get **4A3A50**, and if you desaturate by 10%, it is **4E4A50**.

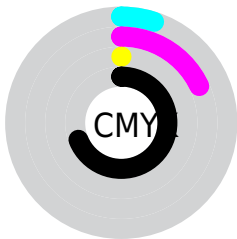
Distribution



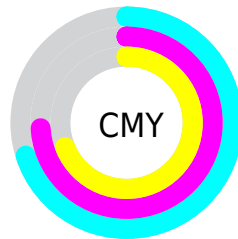
- Red (30%)
- Green (26%)
- Blue (31%)



- Red (30%)
- Yellow (26%)
- Blue (31%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (69%)



- Cyan (70%)
- Magenta (74%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4250 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 4C4250 by changing the saturation by 10% instead.

■ 4C4250

■ 4C4250

FFFFFF

■ 352C39

■ 7D7281

■ 201724

■ 978B9B

■ 06000E

■ B2A6B6

■ 000000

■ CDC1D2

■ E9DDEE

■ FFF9FF

■ 4C4250

■ 4C4250

■ 4A3A50

■ 4E4A50

■ 473250

■ 515250

■ 452A50

■ 535A50

■ 432250

■ 556250

■ 411A50

■ 576A50

■ 3E1250

■ 5A7250

■ 3C0A50

■ 5C7A50

■ 3A0250

■ 5E8250

■ 390050

■ 618A50

Harmonies

Analogous

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



424554



4C4250



534049

Triad

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



4C4250



4F4436



314A4A

Complementary

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



4C4250



465042

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.



364A42



4C4250



474637

Square

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



4C4250



54413A



3E483B



324950

Rectangle

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



4C4250



554044



3E483B



324A47

Sweetspot

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



4C4250



676369



424650



353236



B5B5B5



363636

Same Dimension

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



4C4250



625369



50424D



282529



4B0069



A600E8

Inverse Universe

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



504246



695359



425045



292526



69001E



E80042

Previews

White Background



This preview shows how the Hex color 4C4250 looks on a white background.

Color Contrast Check

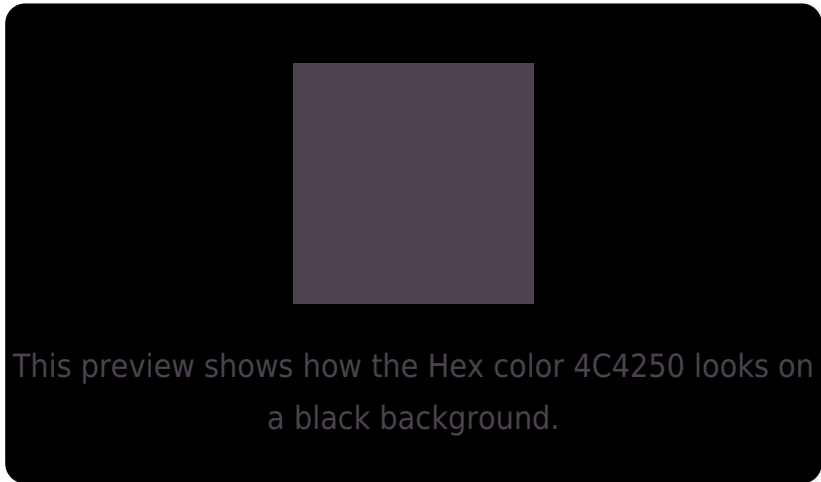
Large Text (above 18pt) WCAG AA ✓ Pass

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

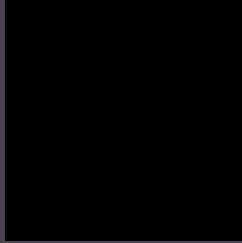
Any Text WCAG AA × Fail

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 4C4250 Background



This preview shows how black text looks on a background with the Hex color 4C4250.

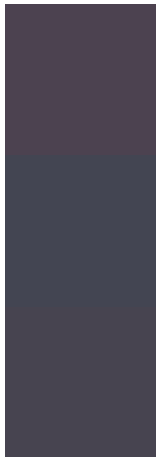


This preview shows how white text looks on a background with the Hex color 4C4250.

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
4C4250

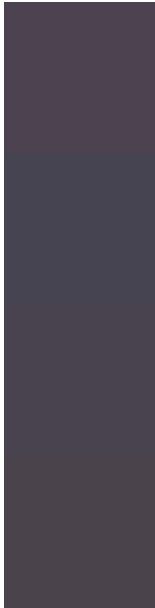
Protanopia
434552

Deuteranopia
474450



Tritanopia
4B4349

Trichromacy



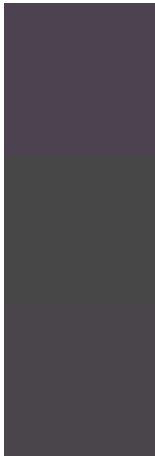
Original Color
4C4250

Protanomaly
464451

Deuteranomaly
494350

Tritanomaly
4B434C

Monochromacy



Original Color
4C4250

Achromatopsia
474747

Achromatomaly
49454A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4250 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 #4C4250 looks like.

```
.text, #text, p{  
    color:#4C4250  
}
```

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 #4C4250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4250
}
```

Border

The CSS property to change the border of an element to Hex 4C4250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

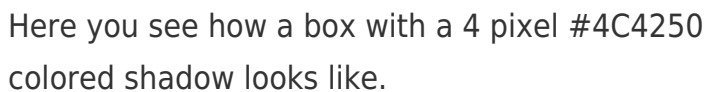
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4250 }
```

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

```
.border{ border-color:#4C4250 }
```

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



Here you see how a box with a 4 pixel #4C4250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4250; -webkit-box-shadow:4px 4px  
4px 4px #4C4250; box-shadow:4px 4px 4px  
4px #4C4250 }
```

Background

The CSS property to change the background color of an element to Hex 4C4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4250 }
```

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

```
.background{ background-color:#4C4250 }
```

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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