

Converting Colors

Hex(4C2444)

Have a look what the booklet for
Hex(4C2444) contains.

Hex(4C2444)	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(4C2444)

Conversions

Conversions Part 1

Format	Color
Hex	4C2444
RGB	76, 36, 68
RGB Percent	30%, 14%, 27%
CMY	0.7020, 0.8588, 0.7333
CMYK	0.00, 0.53, 0.11, 0.70
HSL	312°, 36%, 22%
HSV	312°, 53%, 30%
XYZ	4.6548, 3.2156, 5.8442
YIQ	51.6080, 13.5680, 18.4320

Conversions

Conversions Part 2

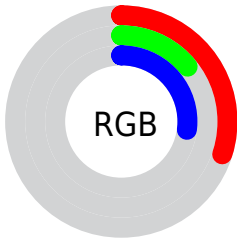
Format	Color
R_{YB}	76, 36, 68
Decimal	4990020
CIE _{Lab}	20.89, 23.93, -11.84
CIE _{LCh}	21, 26.704, 333.672
Yxy	3.2156, 0.3394, 0.2345
Android (android.graphics.Color)	4283180100 (0xFF4C2444)
YUV	51.6080, 8.0813, 21.3918
Hunter-Lab	17.9321, 14.9532, -6.7705

Details

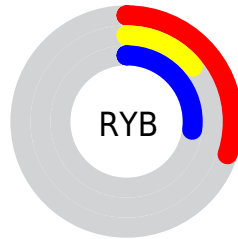
The Hex color **4C2444** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **244C2C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7E5274**, and **22001A** is the 20% darker color. If you saturate the color by 10%, you get **4C1C42**, and if you desaturate by 10%, it is **4C2C46**.

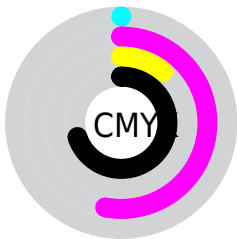
Distribution



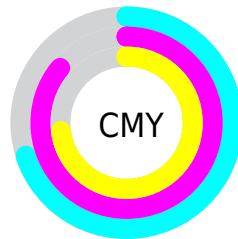
- Red (30%)
- Green (14%)
- Blue (27%)



- Red (30%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (53%)
- Yellow (11%)
- Black (70%)



- Cyan (70%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C2444 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 4C2444 by changing the saturation by 10% instead.



4C2444



4C2444

FFFFFF



340E2E



7E5274



22001A



986B8E



000000



B485A8



CF9FC3



ECBADF



FFD6FC



FFF2FF



4C2444



4C2444

■ 4C1C42

■ 4C2C46

■ 4C1541

■ 4C3347

■ 4C0D3F

■ 4C3B49

■ 4C063E

■ 4C424A

■ 4C003D

■ 4C4A4C

■ 4C524D

■ 4C594F

■ 4C6150

■ 4C6852

Harmonies

Analogous

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



362C53



4C2444



562031

Triad

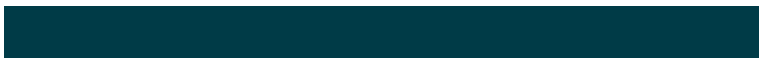
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4C2444



3B3207



003B47

Complementary

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



4C2444



244C2C

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.



003C34



4C2444



26370F

Square

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



4C2444



4A2B0E



063A20



003955

Rectangle

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



4C2444



562224



063A20



003C41

Sweetspot

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



4C2444



635460



2C244C



332931



B3B3B3



333333

Same Dimension

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



4C2444



632557



4C2430



262225



660052



E600B8

Inverse Universe

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



4C2444



632557



244C40



262225



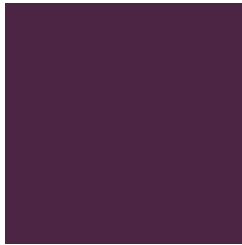
660052



E600B8

Previews

White Background



This preview shows how the Hex color 4C2444 looks on a white background.

Color Contrast Check

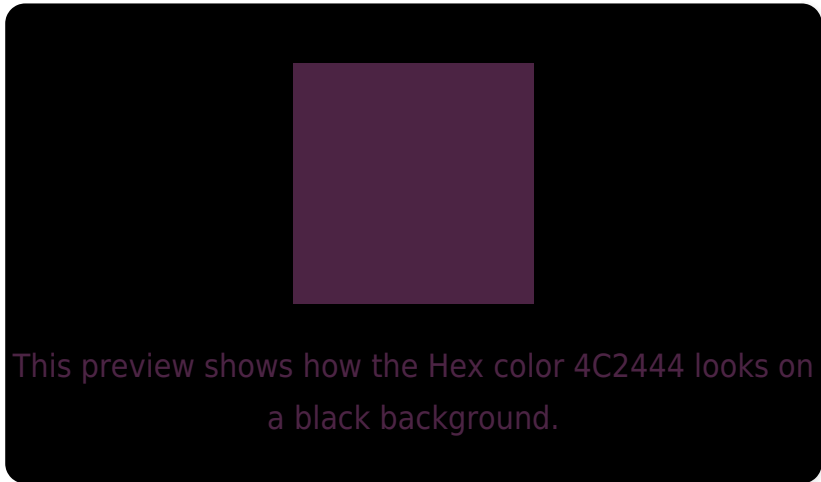
Large Text (above 18pt) WCAG AA ✓ Pass

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

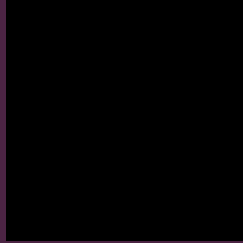
Any Text WCAG AA × Fail

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 4C2444 Background



This preview shows how black text looks on a background with the Hex color 4C2444.



This preview shows how white text looks on a background with the Hex color 4C2444.

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
4C2444

Protanopia
28324F

Deuteranopia
303242



Tritanopia
49292D

Trichromacy



Original Color
4C2444

Protanomaly
352D4B

Deuteranomaly
3A2D43

Tritanomaly
4A2735

Monochromacy



Original Color
4C2444

Achromatopsia
343434

Achromatomaly
3D2E3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C2444 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 #4C2444 looks like.

```
.text, #text, p{  
    color:#4C2444  
}
```

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 #4C2444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2444
}
```

Border

The CSS property to change the border of an element to Hex 4C2444 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
#4C2444 }
```

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

```
.border{ border-color:#4C2444 }
```

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

Here you see how a box with a 4 pixel #4C2444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2444; -webkit-box-shadow:4px 4px  
4px 4px #4C2444; box-shadow:4px 4px 4px  
4px #4C2444 }
```

Background

The CSS property to change the background color of an element to Hex 4C2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2444 }
```

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

```
.background{ background-color:#4C2444 }
```

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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