

Converting Colors

Hex(4C4642)

Have a look what the booklet for
Hex(4C4642) contains.

Hex(4C4642)	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(4C4642)

Conversions

Conversions Part 1

Format	Color
Hex	4C4642
RGB	76, 70, 66
RGB Percent	30%, 27%, 26%
CMY	0.7020, 0.7255, 0.7412
CMYK	0.00, 0.08, 0.13, 0.70
HSL	24°, 7%, 28%
HSV	24°, 13%, 30%
XYZ	6.1540, 6.3102, 6.0479
YIQ	71.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

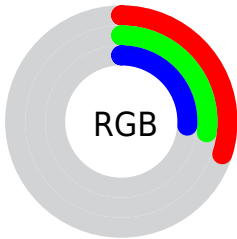
Format	Color
R_{YB}	76, 73, 66
Decimal	4998722
CIE Lab	30.18, 1.72, 3.31
CIE LCh	30, 3.732, 62.636
Yxy	6.3102, 0.3324, 0.3409
Android (android.graphics.Color)	4283188802 (0xFF4C4642)
YUV	71.3380, -2.6316, 4.0886
Hunter-Lab	25.1200, -0.2304, 3.3094

Details

The Hex color **4C4642** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42484C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7D7672**, and **201B17** is the 20% darker color. If you saturate the color by 10%, you get **4C413A**, and if you desaturate by 10%, it is **4C4B4A**.

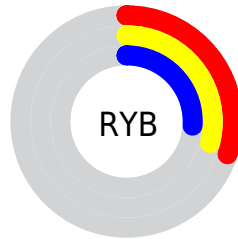
Distribution



Red (30%)

Green (27%)

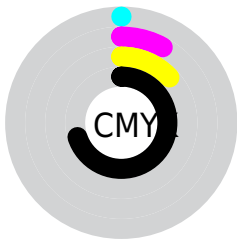
Blue (26%)



Red (30%)

Yellow (29%)

Blue (26%)

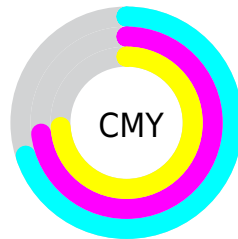


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (70%)



Cyan (70%)

Magenta (73%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4642 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 4C4642 by changing the saturation by 10% instead.



4C4642



4C4642

FFFFFF



35302C



7D7672



201B17



97908B



050000



B1AAA6



000000



CDC6C1



E9E2DD



FFFEF9



4C4642



4C4642



4C413A



4C4B4A

■ 4C3D33

■ 4C4F51

■ 4C382B

■ 4C5459

■ 4C3424

■ 4C5860

■ 4C2F1C

■ 4C5D68

■ 4C2B14

■ 4C6170

■ 4C260D

■ 4C6677

■ 4C2205

■ 4C6A7F

■ 4C1E00

■ 4C6F86

Harmonies

Analogous

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



4D4544



4C4642



494741

Triad

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



4C4642



414947



48464C

Complementary

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



4C4642



42484C

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.



44474D



4C4642



40494A

Square

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



4C4642



434944



41484C



4B454A

Rectangle

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



4C4642



474842



41484C



47474C

Sweetspot

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



4C4642



63615F



4C4248



333130



B3B3B3



333333

Same Dimension

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



4C4642



635A54



4C4B42



262422



662900



E65C00

Inverse Universe

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



42484C



545D63



42434C



222526



003D66



008AE6

Previews

White Background



This preview shows how the Hex color 4C4642 looks on a white background.

Color Contrast Check

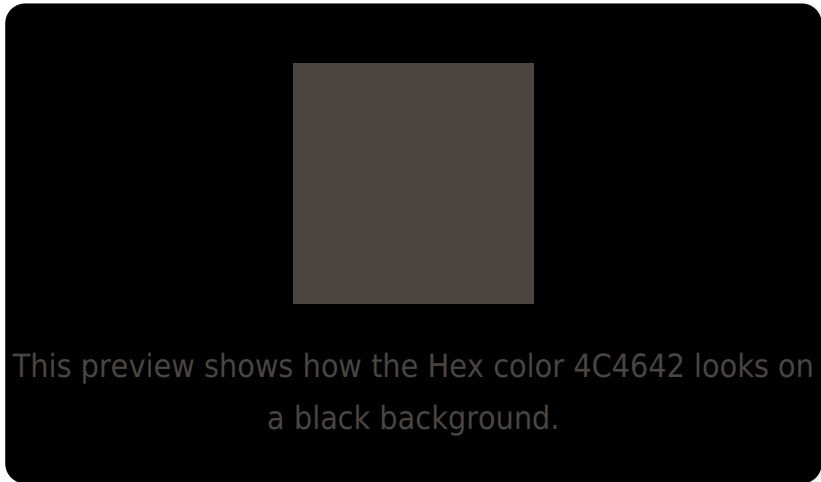
Large Text (above 18pt) WCAG AA ✓ Pass

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

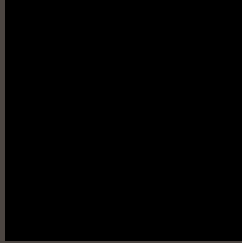
Any Text WCAG AA × Fail

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 4C4642 Background



This preview shows how black text looks on a background with the Hex color 4C4642.

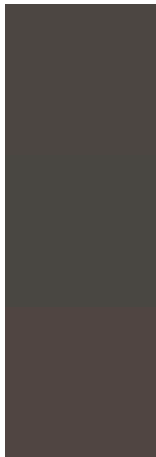


This preview shows how white text looks on a background with the Hex color 4C4642.

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
4C4642

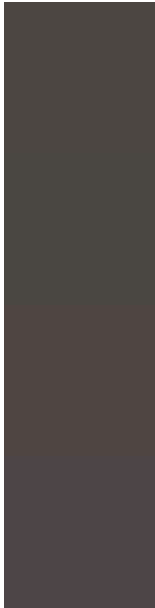
Protanopia
494742

Deuteranopia
504542



Tritanopia
4D454A

Trichromacy



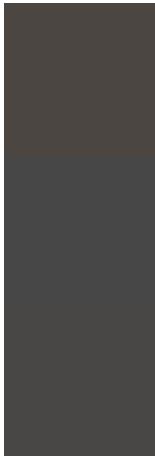
Original Color
4C4642

Protanomaly
4A4742

Deuteranomaly
4F4542

Tritanomaly
4D4547

Monochromacy



Original Color
4C4642

Achromatopsia
474747

Achromatomaly
494745

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4642 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 #4C4642 looks like.

```
.text, #text, p{  
    color:#4C4642  
}
```

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 #4C4642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4642
}
```

Border

The CSS property to change the border of an element to Hex 4C4642 is called "border". The border property can be set on classes, ids or directly on the HTML element.

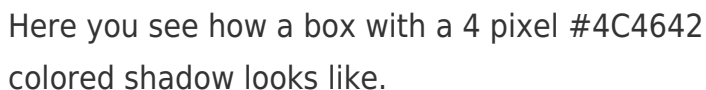
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4642 }
```

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

```
.border{ border-color:#4C4642 }
```

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



Here you see how a box with a 4 pixel #4C4642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4642; -webkit-box-shadow:4px 4px  
4px 4px #4C4642; box-shadow:4px 4px 4px  
4px #4C4642 }
```

Background

The CSS property to change the background color of an element to Hex 4C4642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4642 }
```

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

```
.background{ background-color:#4C4642 }
```

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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