

Converting Colors

Hex(4C4138)

Have a look what the booklet for
Hex(4C4138) contains.

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Color

Hex(4C4138)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 4C4138 |
| RGB | 76, 65, 56 |
| RGB Percent | 30%, 25%, 22% |
| CMY | 0.7020, 0.7451, 0.7804 |
| CMYK | 0.00, 0.14, 0.26, 0.70 |
| HSL | 27°, 15%, 26% |
| HSV | 27°, 26%, 30% |
| XYZ | 5.5846, 5.6026, 4.5285 |
| YIQ | 67.2630, 9.4450, -0.4670 |

Conversions

Conversions Part 2

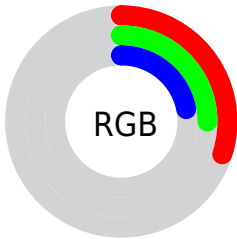
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 76, 72, 56 |
| Decimal | 4997432 |
| CIELab | 28.39, 3.06, 7.24 |
| CIElCh | 28, 7.855, 67.087 |
| Yxy | 5.6026, 0.3554, 0.3565 |
| Android (android.graphics.Color) | 4283187512 (0xFF4C4138) |
| YUV | 67.2630, -5.5527, 7.6623 |
| Hunter-Lab | 23.6698, 0.6926, 5.2257 |

Details

The Hex color **4C4138** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38434C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7D7167**, and **20170D** is the 20% darker color. If you saturate the color by 10%, you get **4C3D30**, and if you desaturate by 10%, it is **4C4540**.

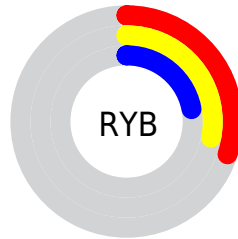
Distribution



Red (30%)

Green (25%)

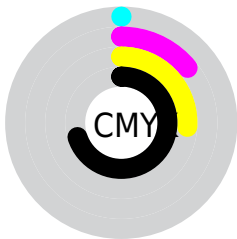
Blue (22%)



Red (30%)

Yellow (28%)

Blue (22%)

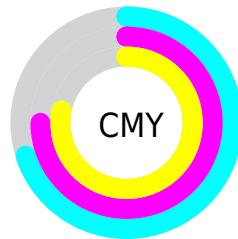


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (70%)



Cyan (70%)

Magenta (75%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4138 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 4C4138 by changing the saturation by 10% instead.



4C4138



4C4138

FFFFFF



352B23



7D7167



20170D



978A80



000000



B2A49A



CDC0B5



EADBD0



FFF8EC



4C4138



4C4138



4C3D30



4C4540

■ 4C3929

■ 4C4947

■ 4C3421

■ 4C4E4F

■ 4C301A

■ 4C5256

■ 4C2C12

■ 4C565E

■ 4C280A

■ 4C5A66

■ 4C2403

■ 4C5E6D

■ 4C2200

■ 4C6275

■ 4C677C

Harmonies

Analogous

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



4F3F3C



4C4138



464337

Triad

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



4C4138



344744



46414D

Complementary

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



4C4138



38434C

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.



3E434F



4C4138



33464A

Square

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



4C4138



39463E



37454E



4C3F48

Rectangle

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



4C4138



424438



37454E



43424E

Sweetspot

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



4C4138



635F5B



4C3843



33302E



B3B3B3



333333

Same Dimension

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



4C4138



635244



4C4B38



262422



662E00



E66700

Inverse Universe

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



38434C



445563



38394C



222526



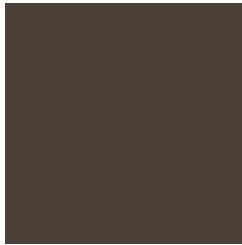
003866



007EE6

Previews

White Background



This preview shows how the Hex color 4C4138 looks on a white background.

Color Contrast Check

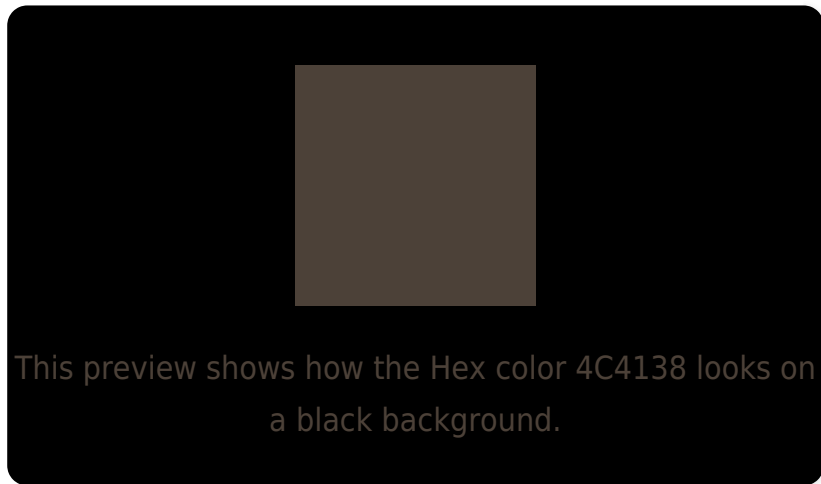
Large Text (above 18pt) WCAG AA ✓ Pass

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

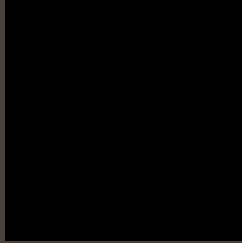
Any Text WCAG AA × Fail

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 4C4138 Background



This preview shows how black text looks on a background with the Hex color 4C4138.

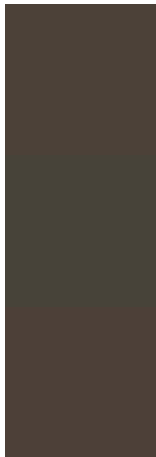


This preview shows how white text looks on a background with the Hex color 4C4138.

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
4C4138

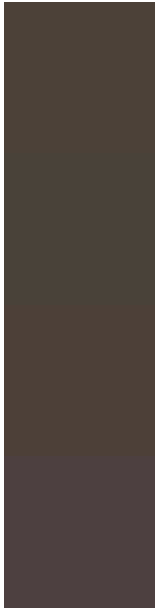
Protanopia
474339

Deuteranopia
4D4038



Tritanopia
4D3F44

Trichromacy



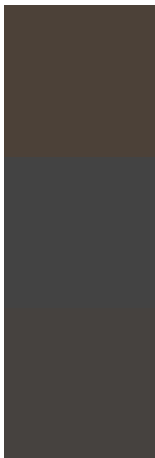
Original Color
4C4138

Protanomaly
494239

Deuteranomaly
4D4038

Tritanomaly
4D4040

Monochromacy



Original Color
4C4138

Achromatopsia
434343

Achromatomaly
46423F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4138 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 #4C4138 looks like.

```
.text, #text, p{  
    color:#4C4138  
}
```

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 #4C4138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4138
}
```

Border

The CSS property to change the border of an element to Hex 4C4138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

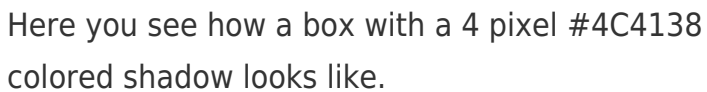
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4138 }
```

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

```
.border{ border-color:#4C4138 }
```

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



Here you see how a box with a 4 pixel #4C4138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4138; -webkit-box-shadow:4px 4px  
4px 4px #4C4138; box-shadow:4px 4px 4px  
4px #4C4138 }
```

Background

The CSS property to change the background color of an element to Hex 4C4138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4138 }
```

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

```
.background{ background-color:#4C4138 }
```

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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