Converting Colors

Hex(4C4058)

Have a look what the booklet for Hex(4C4058) contains.

Hex(4C4058) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

Hex(4C4058)

Conversions

Conversions Part 1

Format	Color
Hex	4C4058
RGB	76, 64, 88
RGB Percent	30%, 25%, 35%
CMY	0.7020, 0.7490, 0.6549
CMYK	0.14, 0.27, 0.00, 0.65
HSL	270°, 16%, 30%
HSV	270°, 27%, 35%
XYZ	6.5753, 5.9079, 10.0263
YIQ	70.3240, -0.5520, 10.0080

Conversions

Conversions Part 2

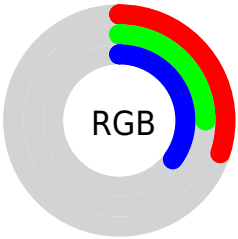
Format	Color
RYB	76, 64, 88
Decimal	4997208
CIELab	29.18, 10.52, -12.42
CIELCh	29, 16.276, 310.266
Yxy	5.9079, 0.2921, 0.2625
Android (android.graphics.Color)	4283187288 (0xFF4C4058)
YUV	70.3240, 8.7143, 4.9779
Hunter-Lab	24.3061, 5.7525, -7.4429

Details

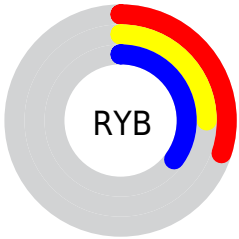
The Hex color 4C4058 is a dark color, and the websafe version is hex 333333. A complement of this color would be 4C5840, and the grayscale version is 464646.

A 20% lighter version of the original color is 7D708A, and 1F152B is the 20% darker color. If you saturate the color by 10%, you get 483758, and if you desaturate by 10%, it is 504958.

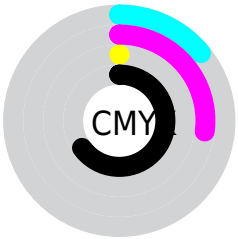
Distribution



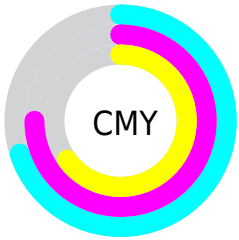
- Red (30%)
- Green (25%)
- Blue (35%)



- Red (30%)
- Yellow (25%)
- Blue (35%)



- Cyan (14%)
- Magenta (27%)
- Yellow (0%)
- Black (65%)



- Cyan (70%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4058 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 4C4058 by changing the saturation by 10% instead.

4C4058	4C4058
FFFFFF	352A41
7D708A	1F152B
9789A4	060016
B2A3BF	000000
CDBFDB	
EADAF8	
FFF7FF	

4C4058	4C4058
483758	504958

432E58	555258
3F2658	595A58
3A1D58	5E6358
361458	626C58
320B58	667558
2D0258	6B7E58
2C0058	6F8658
	748F58

Harmonies

Analogous

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

3B445D

4C4058

583C4E

Triad

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

4C4058

55412D

1F4C49

Complementary

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

4C4058

4C5840

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.

2D4B3C

4C4058

49452C

Square

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

4C4058

5C3D35

3B4931

1C4B55

Rectangle

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

4C4058

5D3B45

3B4931

234C44

Sweetspot

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

4C4058

6E6A73

404C58

38353B

BABABA

3B3B3B

Same Dimension

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

4C4058

604D73

584058

29272B

36006B

7500EB

Inverse Universe

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

58404C

734D60

405840

2B2729

6B0036

EB0075

Previews

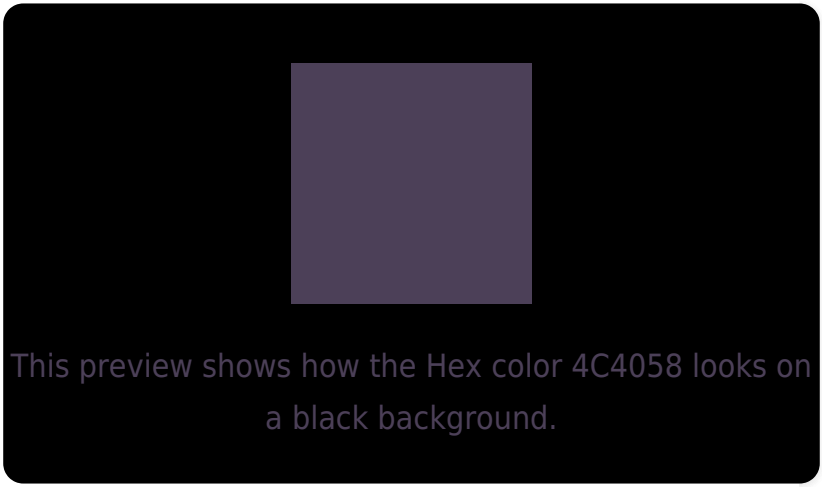
White Background

This preview shows how the Hex color 4C4058 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

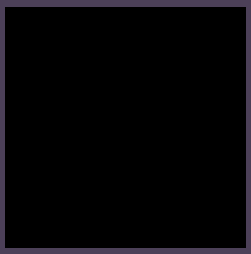


Color Contrast Check

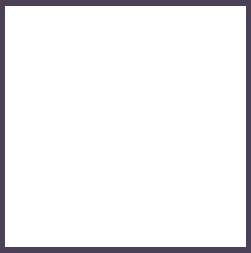
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 4C4058 Background



This preview shows how black text looks on a background with the Hex color 4C4058.



This preview shows how white text looks on a background with the Hex color 4C4058.

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
4C4058

Protanopia
3F445B

Deuteranopia
424457

Tritanopia
494348

Trichromacy

Original Color
4C4058

Protanomaly
44435A

Deuteranomaly
464357

Tritanomaly
4A424E

Monochromacy

Original Color
4C4058

Achromatopsia
464646

Achromatomaly
48444D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4058 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 #4C4058 looks like.

```
.text, #text, p{
    color:#4C4058
}
```

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 #4C4058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4058
}
```

Border

The CSS property to change the border of an element to Hex 4C4058 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
#4C4058 }
```

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

```
.border{ border-color:#4C4058 }
```

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

Here you see how a box with a 4 pixel #4C4058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #4C4058; -webkit-box-shadow:4px 4px 4px 4px #4C4058; box-shadow:4px 4px 4px 4px #4C4058 }
```

Background

The CSS property to change the background color of an element to Hex 4C4058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#4C4058 }
```

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

```
.background{ background-color:#4C4058 }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor