

Converting Colors

Hex(4C6B58)

Have a look what the booklet for
Hex(4C6B58) contains.

Hex(4C6B58)	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(4C6B58)

Conversions

Conversions Part 1

Format	Color
Hex	4C6B58
RGB	76, 107, 88
RGB Percent	30%, 42%, 35%
CMY	0.7020, 0.5804, 0.6549
CMYK	0.29, 0.00, 0.18, 0.58
HSL	143°, 17%, 36%
HSV	143°, 29%, 42%
XYZ	9.9996, 12.7565, 11.1677
YIQ	95.5650, -12.3770, -12.4810

Conversions

Conversions Part 2

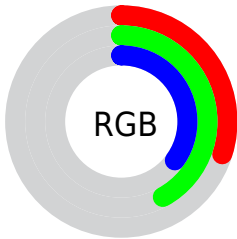
Format	Color
RYB	76, 98, 107
Decimal	5008216
CIELab	42.39, -15.66, 7.06
CIElCh	42, 17.176, 155.730
Yxy	12.7565, 0.2948, 0.3760
Android (android.graphics.Color)	4283198296 (0xFF4C6B58)
YUV	95.5650, -3.7295, -17.1585
Hunter-Lab	35.7162, -12.5278, 6.4626

Details

The Hex color **4C6B58** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B4C5F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7E9F8A**, and **1E3B2B** is the 20% darker color. If you saturate the color by 10%, you get **416B51**, and if you desaturate by 10%, it is **576B5F**.

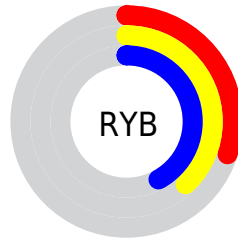
Distribution



Red (30%)

Green (42%)

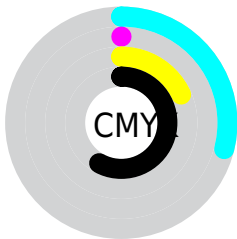
Blue (35%)



Red (30%)

Yellow (38%)

Blue (42%)

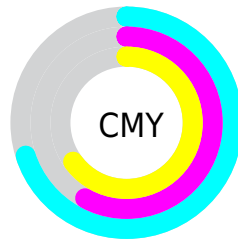


Cyan (29%)

Magenta (0%)

Yellow (18%)

Black (58%)



Cyan (70%)

Magenta (58%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6B58 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 4C6B58 by changing the saturation by 10% instead.

 4C6B58

 4C6B58

FFFFFF

 355341

 7E9F8A

 1E3B2B

 98B9A4

 082616

 B3D5BF

 000F00


 CEF2DB

 000000

 EBFFF8

 4C6B58

 4C6B58

 416B51

 576B5F

 376B4B

 616B65

■ 2C6B44

■ 6C6B6C

■ 216B3E

■ 776B72

■ 166B37

■ 826B79

■ 0C6B31

■ 8C6B7F

■ 016B2A

■ 976B86

■ 006B29

■ A26B8C

■ AC6B93

Harmonies

Analogous

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



5C684D



4C6B58



3F6C66

Triad

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



4C6B58



566480



805B54

Complementary

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



4C6B58



6B4C5F

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.



805A62



4C6B58



6A607B

Square

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



4C6B58



44697D



795B70



785F4B

Rectangle

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



4C6B58



3A6C70



795B70



815A58

Sweetspot

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



4C6B58



808C85



5F6B4C



404743



C7C7C7



474747

Same Dimension

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



4C6B58



5B8C6E



4C6B67



303632



00752D



00F55F

Inverse Universe

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



6B4C5F



8C5B79



6B4C50



363033



750048



F50096

Previews

White Background



This preview shows how the Hex color 4C6B58 looks on a white background.

Color Contrast Check

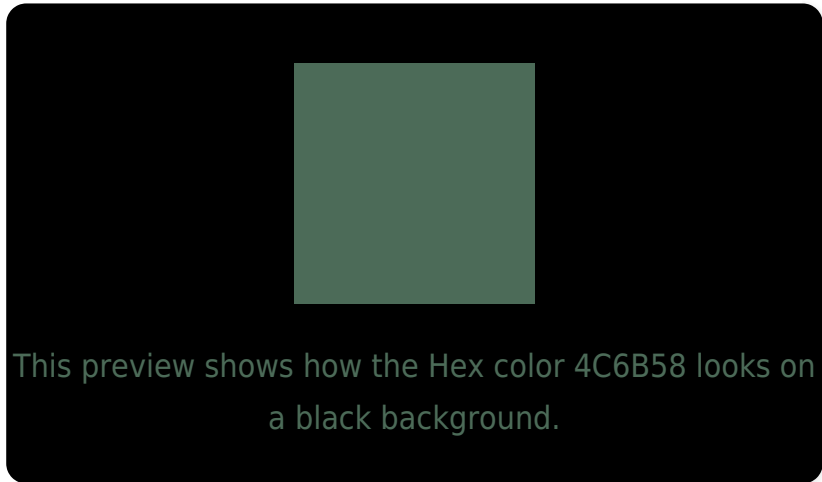
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

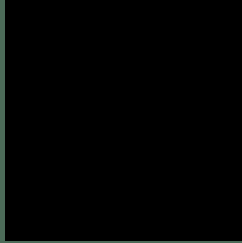
Any Text WCAG AA × Fail

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 4C6B58 Background



This preview shows how black text looks on a background with the Hex color 4C6B58.



This preview shows how white text looks on a background with the Hex color 4C6B58.

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
4C6B58

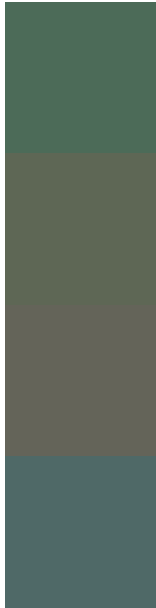
Protanopia
696454

Deuteranopia
71605A



Tritanopia
516870

Trichromacy



Original Color
4C6B58

Protanomaly
5E6755

Deuteranomaly
646459

Tritanomaly
4F6967

Monochromacy



Original Color
4C6B58

Achromatopsia
606060

Achromatomaly
59645D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6B58 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 #4C6B58 looks like.

```
.text, #text, p{  
    color:#4C6B58  
}
```

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 #4C6B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6B58
}
```

Border

The CSS property to change the border of an element to Hex 4C6B58 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
#4C6B58 }
```

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

```
.border{ border-color:#4C6B58 }
```

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

Here you see how a box with a 4 pixel #4C6B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6B58; -webkit-box-shadow:4px 4px  
4px 4px #4C6B58; box-shadow:4px 4px 4px  
4px #4C6B58 }
```

Background

The CSS property to change the background color of an element to Hex 4C6B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6B58 }
```

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

```
.background{ background-color:#4C6B58 }
```

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