

Converting Colors

Hex(4C8467)

Have a look what the booklet for
Hex(4C8467) contains.

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Color

Hex(4C8467)

Conversions

Conversions Part 1

Format	Color
Hex	4C8467
RGB	76, 132, 103
RGB Percent	30%, 52%, 40%
CMY	0.7020, 0.4824, 0.5961
CMYK	0.42, 0.00, 0.22, 0.48
HSL	149°, 27%, 41%
HSV	149°, 42%, 52%
XYZ	13.6799, 19.0183, 15.7819
YIQ	111.9500, -24.0670, -20.8910

Conversions

Conversions Part 2

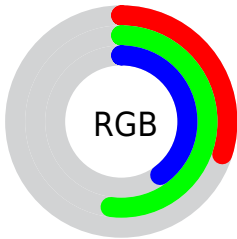
Format	Color
RYB	76, 114, 132
Decimal	5014631
CIELab	50.71, -25.51, 9.96
CIElCh	51, 27.381, 158.676
Yxy	19.0183, 0.2822, 0.3923
Android (android.graphics.Color)	4283204711 (0xFF4C8467)
YUV	111.9500, -4.4124, -31.5282
Hunter-Lab	43.6100, -20.3241, 9.0707

Details

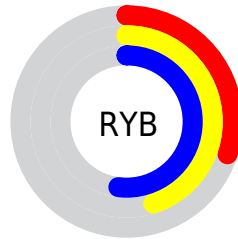
The Hex color **4C8467** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **844C69**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **80B99A**, and **195238** is the 20% darker color. If you saturate the color by 10%, you get **3F8460**, and if you desaturate by 10%, it is **59846E**.

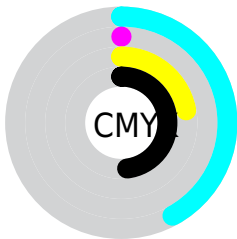
Distribution



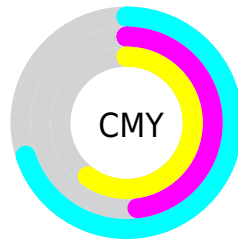
- Red (30%)
- Green (52%)
- Blue (40%)



- Red (30%)
- Yellow (45%)
- Blue (52%)



- Cyan (42%)
- Magenta (0%)
- Yellow (22%)
- Black (48%)



- Cyan (70%)
- Magenta (48%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C8467 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 4C8467 by changing the saturation by 10% instead.



4C8467



4C8467

FFFFFF



336B4F



80B99A



195238



9AD5B5



003B22



B6F2D0



00250D



D2FFED



000500



FFFFFF



000000



4C8467



4C8467



3F8460



59846E



328459




668475

 248452

 74847C

 17844C

 818482

 0A8445

 8E8489

 008440

 9B8490

 A88497

 B6849E

 C384A5

Harmonies

Analogous

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



688054



4C8467



2F857F

Triad

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



4C8467



6379A7



A46A5D

Complementary

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



4C8467



844C69

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.



A66773



4C8467



84709D

Square

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



4C8467



3D80A4



9C698A



97724E

Rectangle

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



4C8467



22858E



9C698A



A66964

Sweetspot

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



4C8467



95AB9F



6A844C



495750



D6D6D6



575757

Same Dimension

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



4C8467



54AB7E



4C8482



3C423F



00823F



000301

Inverse Universe

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



844C69



AB5481



844C4E



423C3F



820043



030001

Previews

White Background



This preview shows how the Hex color 4C8467 looks on a white background.

Color Contrast Check

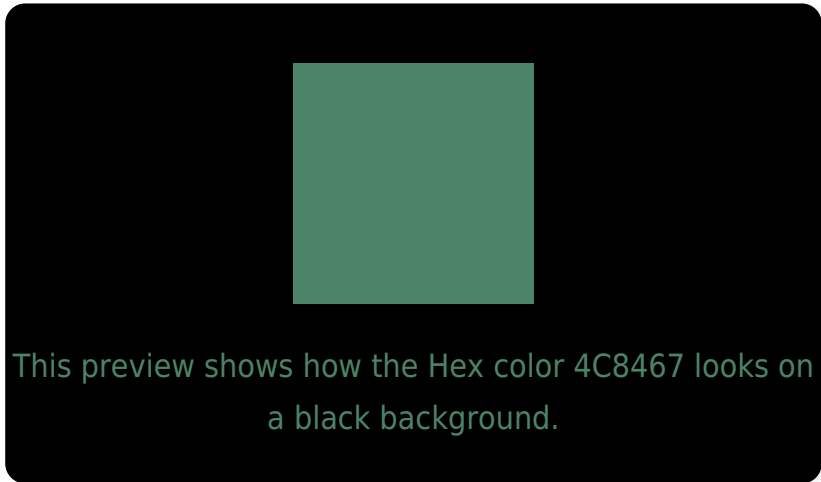
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

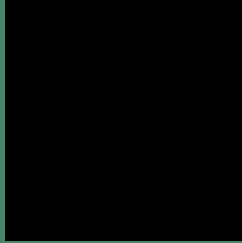
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4C8467 Background



This preview shows how black text looks on a background with the Hex color 4C8467.



This preview shows how white text looks on a background with the Hex color 4C8467.

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
4C8467

Protanopia
7F7861

Deuteranopia
89746A



Tritanopia
547F8A

Trichromacy



Original Color
4C8467

Protanomaly
6C7C63

Deuteranomaly
737A69

Tritanomaly
51817D

Monochromacy



Original Color
4C8467

Achromatopsia
707070

Achromatomaly
63776D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C8467 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 #4C8467 looks like.

```
.text, #text, p{  
    color:#4C8467  
}
```

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 #4C8467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8467
}
```

Border

The CSS property to change the border of an element to Hex 4C8467 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
#4C8467 }
```

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

```
.border{ border-color:#4C8467 }
```

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

Here you see how a box with a 4 pixel #4C8467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8467; -webkit-box-shadow:4px 4px  
4px 4px #4C8467; box-shadow:4px 4px 4px  
4px #4C8467 }
```

Background

The CSS property to change the background color of an element to Hex 4C8467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8467 }
```

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

```
.background{ background-color:#4C8467 }
```

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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