

# Converting Colors

Hex(4C9171)

Have a look what the booklet for  
Hex(4C9171) contains.

<b>Hex(4C9171)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4C9171)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C9171
RGB	76, 145, 113
RGB Percent	30%, 57%, 44%
CMY	0.7020, 0.4314, 0.5569
CMYK	0.48, 0.00, 0.22, 0.43
HSL	152°, 31%, 43%
HSV	152°, 48%, 57%
XYZ	16.0865, 22.9796, 19.2104
YIQ	120.7210, -30.8520, -24.5800

# Conversions

## Conversions Part 2

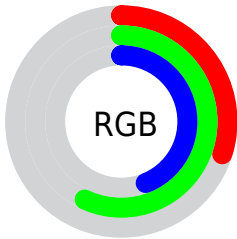
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 121, 145
Decimal	5017969
CIELab	55.05, -29.68, 10.33
CIElCh	55, 31.427, 160.812
Yxy	22.9796, 0.2760, 0.3943
Android (android.graphics.Color)	4283208049 (0xFF4C9171)
YUV	120.7210, -3.8065, -39.2203
Hunter-Lab	47.9370, -23.9893, 9.7958

# Details

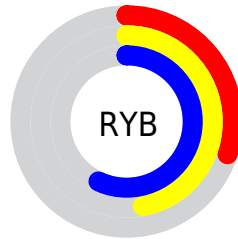
The Hex color **4C9171** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **914C6C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **81C7A5**, and **145E41** is the 20% darker color. If you saturate the color by 10%, you get **3E916A**, and if you desaturate by 10%, it is **5B9178**.

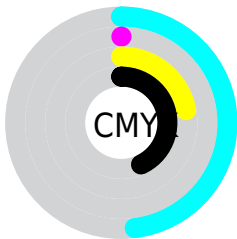
# Distribution



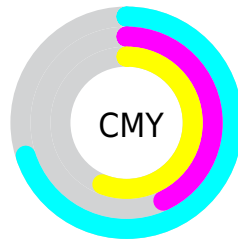
- Red (30%)
- Green (57%)
- Blue (44%)



- Red (30%)
- Yellow (47%)
- Blue (57%)



- Cyan (48%)
- Magenta (0%)
- Yellow (22%)
- Black (43%)



- Cyan (70%)
- Magenta (43%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C9171 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 4C9171 by changing the saturation by 10% instead.





4C9171



4C9171

FFFFFF



327758



81C7A5



145E41



9CE4C0



00462B



B8FFDC



002F16



D4FFF8



001A00



F1FFFF



000000



4C9171



4C9171



3E916A



5B9178



2F9164



69917E

■ 21915D

■ 779185

■ 129156

■ 86918C

■ 04914F

■ 949193

■ 00914E

■ A39199

■ B191A0

■ C091A7

■ CF91AE

# Harmonies

## Analogous

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



6E8D5A



4C9171



24928D

# Triad

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



4C9171



6C83B9



B57362

# Complementary

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



4C9171



914C6C

# 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.



B96F7B



4C9171



9479AD

# Square

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



4C9171



3D8BB7



AE7196



A57C51

# Rectangle

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



4C9171



09929F



AE7196



B87169



# Sweetspot

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



4C9171



A2BDB0



6C914C



4E5E57



DEDEDE



5E5E5E



# Same Dimension

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



4C9171



51BD8B



4C8F91



404744



008748



000804



# Inverse Universe

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



914C6C



BD5183



914E4C



474044



87003F



080004



# Previews

## White Background



This preview shows how the Hex color 4C9171 looks on a white background.

## Color Contrast Check

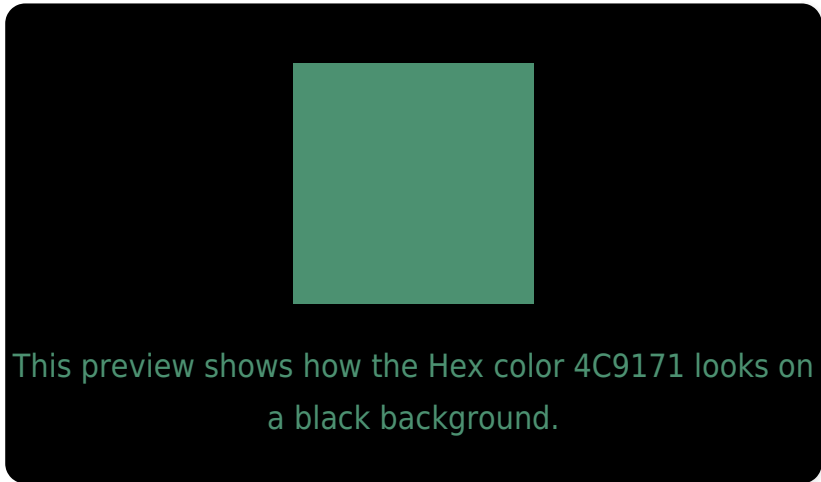
Large Text (above 18pt) WCAG AA ✓ Pass

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

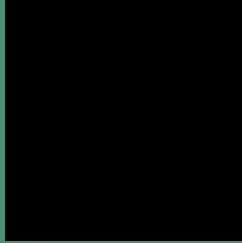
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4C9171 Background



This preview shows how black text looks on a background with the Hex color 4C9171.



This preview shows how white text looks on a background with the Hex color 4C9171.

# 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





**Tritanopia**  
568C97

# Trichromacy



**Original Color**  
4C9171

**Protanomaly**  
74886D

**Deuteranomaly**  
7A8574

**Tritanomaly**  
528E89

# Monochromacy



**Original Color**  
4C9171

**Achromatopsia**  
797979

**Achromatomaly**  
698276

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C9171 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 #4C9171 looks like.

```
.text, #text, p{  
    color:#4C9171  
}
```

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 #4C9171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9171
}
```

## Border

The CSS property to change the border of an element to Hex 4C9171 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
#4C9171 }
```

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

```
.border{ border-color:#4C9171 }
```

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

Here you see how a box with a 4 pixel #4C9171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9171; -webkit-box-shadow:4px 4px  
4px 4px #4C9171; box-shadow:4px 4px 4px  
4px #4C9171 }
```

# Background

The CSS property to change the background color of an element to Hex 4C9171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9171 }
```

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

```
.background{ background-color:#4C9171 }
```

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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