

# Converting Colors

Hex(4C9178)

Have a look what the booklet for  
Hex(4C9178) contains.

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# Color

Hex(4C9178)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C9178
RGB	76, 145, 120
RGB Percent	30%, 57%, 47%
CMY	0.7020, 0.4314, 0.5294
CMYK	0.48, 0.00, 0.17, 0.43
HSL	158°, 31%, 43%
HSV	158°, 48%, 57%
XYZ	16.4961, 23.1434, 21.3670
YIQ	121.5190, -33.0990, -22.4030

# Conversions

## Conversions Part 2

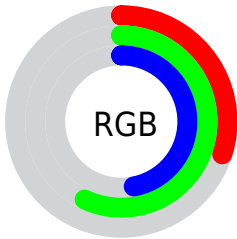
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 118, 145
Decimal	5017976
CIELab	55.22, -28.08, 6.57
CIELCh	55, 28.838, 166.831
Yxy	23.1434, 0.2704, 0.3794
Android (android.graphics.Color)	4283208056 (0xFF4C9178)
YUV	121.5190, -0.7489, -39.9202
Hunter-Lab	48.1075, -22.9807, 7.3416

# Details

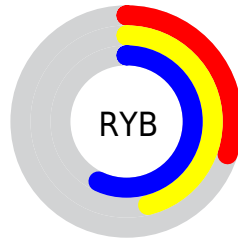
The Hex color **4C9178** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **914C65**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **81C7AC**, and **145E48** is the 20% darker color. If you saturate the color by 10%, you get **3E9173**, and if you desaturate by 10%, it is **5B917D**.

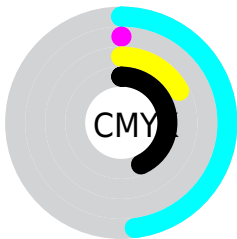
# Distribution



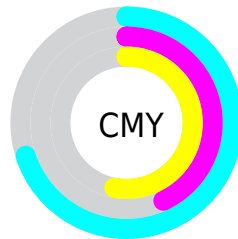
- Red (30%)
- Green (57%)
- Blue (47%)



- Red (30%)
- Yellow (46%)
- Blue (57%)



- Cyan (48%)
- Magenta (0%)
- Yellow (17%)
- Black (43%)



- Cyan (70%)
- Magenta (43%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C9178 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 4C9178 by changing the saturation by 10% instead.





4C9178



4C9178

FFFFFF



31775F



81C7AC



145E48



9CE3C8



004631



B8FFE4



002F1C



D4FFFF



001B02



F1FFFF



000000



4C9178



4C9178



3E9173



5B917D



2F916D



699183

■ 219168

■ 779188

■ 129163

■ 86918D

■ 04915E

■ 949192

■ 00915C

■ A39198

■ B1919D

■ C091A2

■ CF91A7

# Harmonies

## Analogous

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



6B8D61



4C9178



2F9292

# Triad

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



4C9178



7782B4



B07761

# Complementary

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



4C9178



914C65

# 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.



B67177



4C9178



9979A7

# Square

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



4C9178



508AB4



AE7290



9F7F54

# Rectangle

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



4C9178



2891A1



AE7290



B37467



# Sweetspot

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



4C9178



A2BDB3



65914C



4E5E59



DEDEDE



5E5E5E



# Same Dimension

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



4C9178



51BD96



4C8891



404745



008756



000805



# Inverse Universe

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



914C65



BD5178



91554C



474043



870031



080003



# Previews

## White Background



This preview shows how the Hex color 4C9178 looks on a white background.

## Color Contrast Check

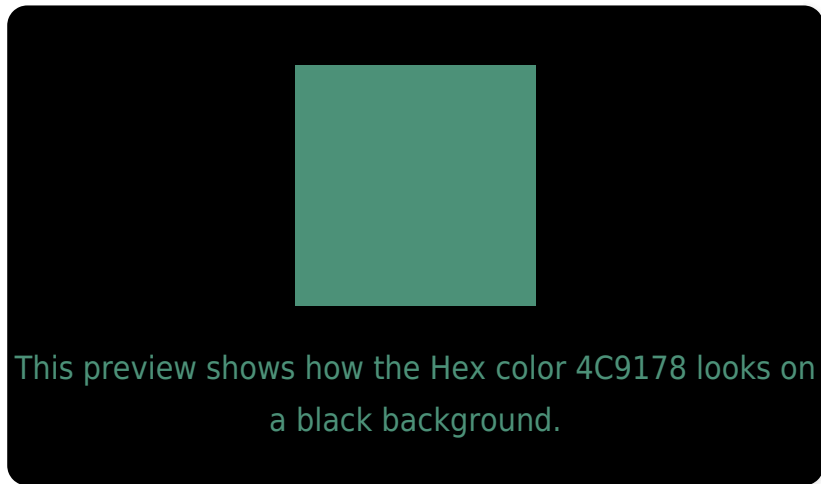
Large Text (above 18pt) WCAG AA ✓ Pass

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

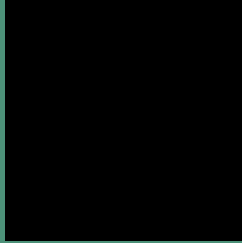
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4C9178 Background



This preview shows how black text looks on a background with the Hex color 4C9178.



This preview shows how white text looks on a background with the Hex color 4C9178.

# 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**  
558D98

# Trichromacy



**Original Color**  
4C9178

**Protanomaly**  
738874

**Deuteranomaly**  
79867B

**Tritanomaly**  
528E8C

# Monochromacy



**Original Color**  
4C9178

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
698279

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C9178 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 #4C9178 looks like.

```
.text, #text, p{  
    color:#4C9178  
}
```

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 #4C9178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9178
}
```

## Border

The CSS property to change the border of an element to Hex 4C9178 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
#4C9178 }
```

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

```
.border{ border-color:#4C9178 }
```

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

Here you see how a box with a 4 pixel #4C9178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9178; -webkit-box-shadow:4px 4px  
4px 4px #4C9178; box-shadow:4px 4px 4px  
4px #4C9178 }
```

# Background

The CSS property to change the background color of an element to Hex 4C9178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9178 }
```

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

```
.background{ background-color:#4C9178 }
```

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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