

# Converting Colors

Hex(4F9262)

Have a look what the booklet for  
Hex(4F9262) contains.

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# Color

Hex(4F9262)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F9262
RGB	79, 146, 98
RGB Percent	31%, 57%, 38%
CMY	0.6902, 0.4275, 0.6157
CMYK	0.46, 0.00, 0.33, 0.43
HSL	137°, 30%, 44%
HSV	137°, 46%, 57%
XYZ	15.7079, 23.1019, 15.1865
YIQ	120.4950, -24.5240, -29.1320

# Conversions

## Conversions Part 2

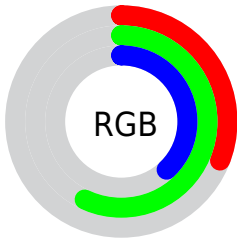
Format	Color
<a href="#">RYB</a>	<a href="#">79, 131, 146</a>
Decimal	<a href="#">5214818</a>
CIELab	<a href="#">55.18, -32.41, 19.00</a>
CIELCh	<a href="#">55, 37.569, 149.621</a>
Yxy	<a href="#">23.1019, 0.2909, 0.4278</a>
Android (android.graphics.Color)	<a href="#">4283404898 (0xFF4F9262)</a>
YUV	<a href="#">120.4950, -11.0900, -36.3911</a>
Hunter-Lab	<a href="#">48.0644, -25.7771, 14.9117</a>

# Details

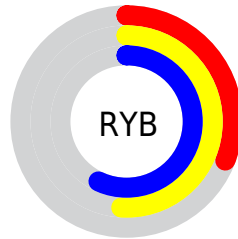
The Hex color **4F9262** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **924F7F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **84C895**, and **195F33** is the 20% darker color. If you saturate the color by 10%, you get **409258**, and if you desaturate by 10%, it is **5E926C**.

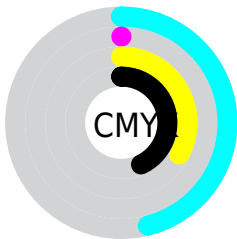
# Distribution



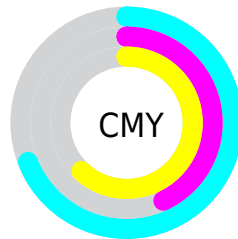
- Red (31%)
- Green (57%)
- Blue (38%)



- Red (31%)
- Yellow (51%)
- Blue (57%)



- Cyan (46%)
- Magenta (0%)
- Yellow (33%)
- Black (43%)



- Cyan (69%)
- Magenta (43%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F9262 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 4F9262 by changing the saturation by 10% instead.





4F9262



4F9262

FFFFFF



35784A



84C895



195F33



9FE5B0



00471D



BBFFCB



002F06



D7FFE7



001B00



F4FFFF



000000



4F9262



4F9262



409258



5E926C



32924D



6C9277

■ 239243

■ 7B9281

■ 159238

■ 89928C

■ 06922E

■ 989296

■ 009229

■ A792A1

■ B592AB

■ C492B6

■ D292C0

# Harmonies

## Analogous

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



778C4A



4F9262



049583

# Triad

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



4F9262



4E88C5



C16D66

# Complementary

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



4F9262



924F7F

# 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.



C06A86



4F9262



867CBD

# Square

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



4F9262



0090BC



AC70A6



B2764D

# Rectangle

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



4F9262



009599



AC70A6



C26B70



# Sweetspot

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



4F9262



A2BDAA



7F924F



4E5E53



DEDEDE



5E5E5E



# Same Dimension

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



4F9262



55BD72



4F9283



434A45



008A27



000A03



# Inverse Universe

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



924F7F



BD559F



924F5E



4A4348



8A0063



0A0007



# Previews

## White Background



This preview shows how the Hex color 4F9262 looks on a white background.

## Color Contrast Check

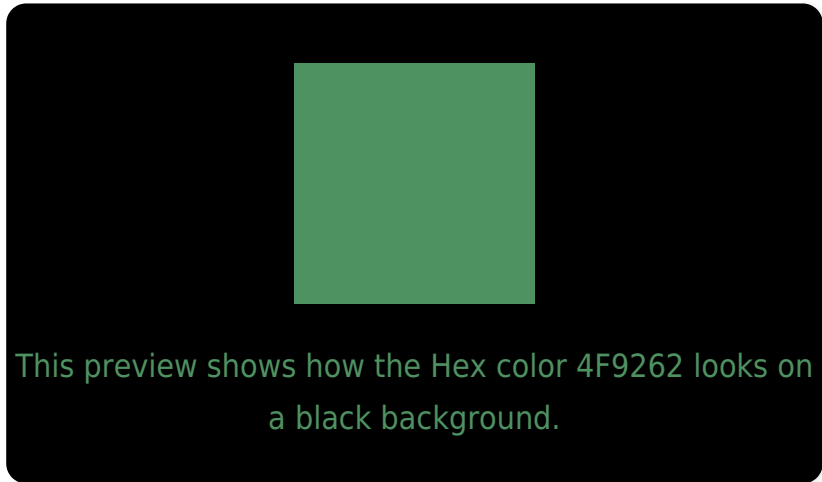
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F9262 Background



This preview shows how black text looks on a background with the Hex color 4F9262.



This preview shows how white text looks on a background with the Hex color 4F9262.

# 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



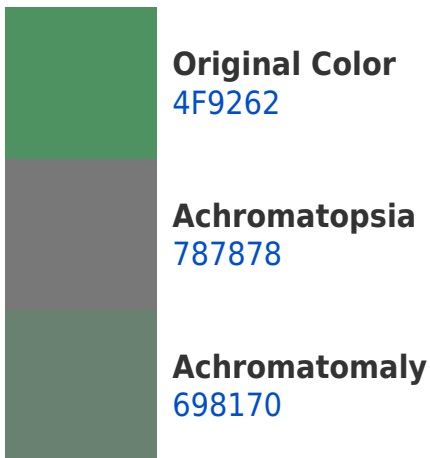


**Tritanopia**  
5B8B97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F9262 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 #4F9262 looks like.

```
.text, #text, p{  
    color:#4F9262  
}
```

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 #4F9262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9262
}
```

## Border

The CSS property to change the border of an element to Hex 4F9262 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
#4F9262 }
```

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

```
.border{ border-color:#4F9262 }
```

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

Here you see how a box with a 4 pixel #4F9262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9262; -webkit-box-shadow:4px 4px  
4px 4px #4F9262; box-shadow:4px 4px 4px  
4px #4F9262 }
```

# Background

The CSS property to change the background color of an element to Hex 4F9262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9262 }
```

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

```
.background{ background-color:#4F9262 }
```

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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