

# Converting Colors

Hex(4FAF91)

Have a look what the booklet for  
Hex(4FAF91) contains.

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# Color

**Hex(4FAF91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FAF91
RGB	79, 175, 145
RGB Percent	31%, 69%, 57%
CMY	0.6902, 0.3137, 0.4314
CMYK	0.55, 0.00, 0.17, 0.31
HSL	161°, 38%, 50%
HSV	161°, 55%, 69%
XYZ	23.6653, 34.3665, 32.1742
YIQ	142.8760, -47.5860, -29.6820

# Conversions

## Conversions Part 2

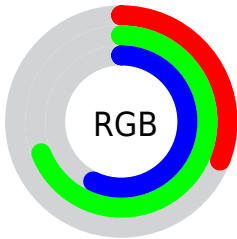
Format	Color
<a href="#">RYB</a>	<a href="#">79, 136, 175</a>
Decimal	<a href="#">5222289</a>
CIELab	<a href="#">65.25, -35.67, 6.88</a>
CIELCh	<a href="#">65, 36.330, 169.087</a>
Yxy	<a href="#">34.3665, 0.2623, 0.3810</a>
Android (android.graphics.Color)	<a href="#">4283412369</a> ( <a href="#">0xFF4FAF91</a> )
YUV	<a href="#">142.8760, 1.0471, -56.0193</a>
Hunter-Lab	<a href="#">58.6230, -30.5323, 8.4958</a>

# Details

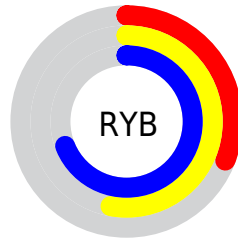
The Hex color **4FAF91** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **AF4F6D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **87E7C7**, and **067A5F** is the 20% darker color. If you saturate the color by 10%, you get **3EAF8C**, and if you desaturate by 10%, it is **61AF96**.

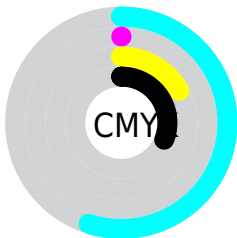
# Distribution



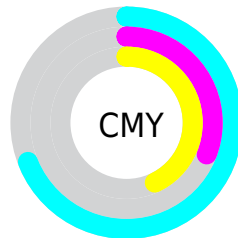
- Red (31%)
- Green (69%)
- Blue (57%)



- Red (31%)
- Yellow (53%)
- Blue (69%)



- Cyan (55%)
- Magenta (0%)
- Yellow (17%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FAF91 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 4FAF91 by changing the saturation by 10% instead.



 4FAF91

 4FAF91

FFFFFF

 319477

 87E7C7

 067A5F

 A4FFE3

 006047

 C0FFFF

 004831

 DDFFFF

 00311C

 FBFFFF

 001B01

 000000

 4FAF91

 4FAF91

 3EAF8C

 61AF96

 2CAF86

 72AF9C

 1AAF81

 84AFA1

 09AF7B

 95AFA7

 00AF78

 A7AFAC

 B8AFB2

 CAAFB7

 DBAFBD

 EDAFC2

# Harmonies

## Analogous

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



7AAB73



4FAF91



1AB0B3

# Triad

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



4FAF91



919ADC



D58D6F

# Complementary

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



4FAF91



AF4F6D

# 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.



DE868B



4FAF91



BC8FC9

# Square

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



4FAF91



59A5DE



D686AC



BE985E

# Rectangle

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



4FAF91



02AEC6



D686AC



DA8A77



# Sweetspot

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



4FAF91



BFE3D8



6DAF4F



5D736C



F2F2F2



737373



# Same Dimension

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



4FAF91



4DE3B4



4F9DAF



4E5754



009667



001710



# Inverse Universe

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



AF4F6D



E34D7C



AF614F



574E51



96002F

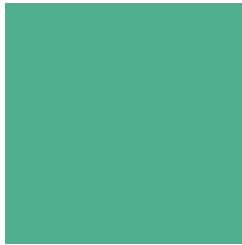


170007



# Previews

## White Background



This preview shows how the Hex color 4FAF91 looks on a white background.

## Color Contrast Check

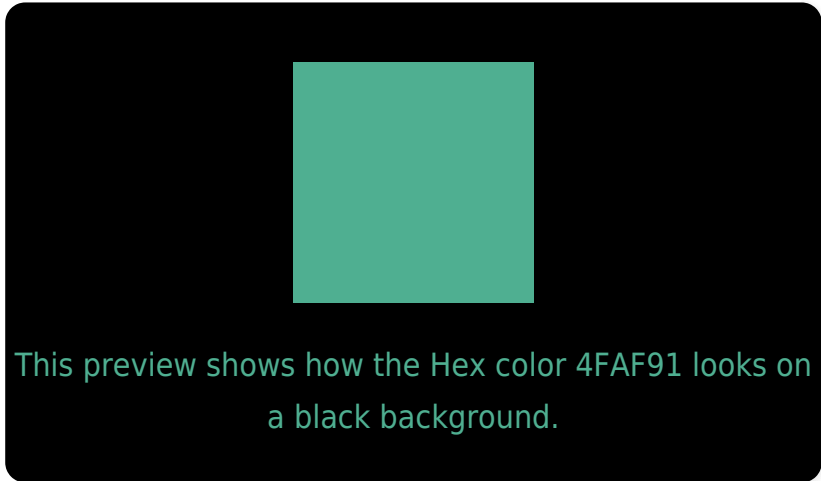
Large Text (above 18pt) WCAG AA × Fail

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

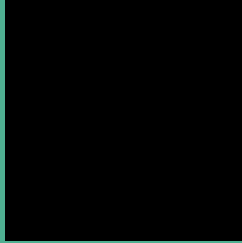
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FAF91 Background



This preview shows how black text looks on a background with the Hex color 4FAF91.

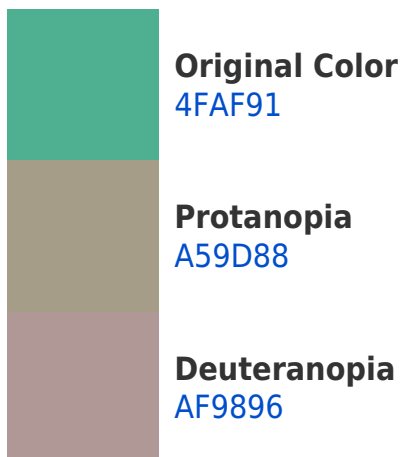


This preview shows how white text looks on a background with the Hex color 4FAF91.

# 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](#).

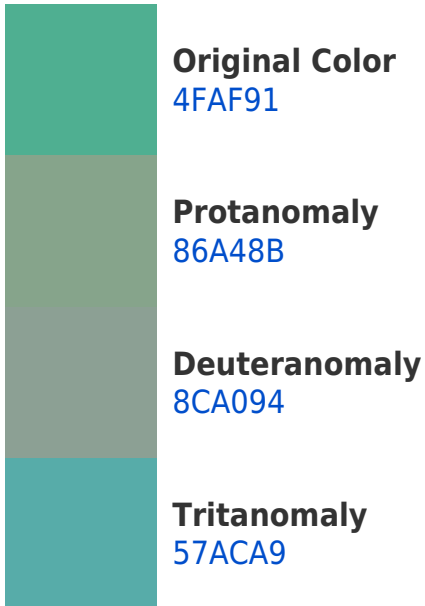
## Dichromacy



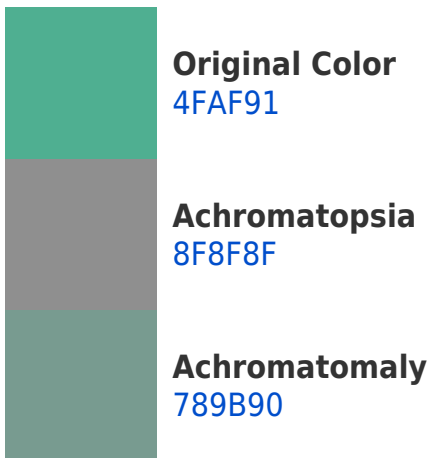


**Tritanopia**  
5BAAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FAF91 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 #4FAF91 looks like.

```
.text, #text, p{  
    color:#4FAF91  
}
```

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 #4FAF91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FAF91
}
```

## Border

The CSS property to change the border of an element to Hex 4FAF91 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
#4FAF91 }
```

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

```
.border{ border-color:#4FAF91 }
```

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

Here you see how a box with a 4 pixel #4FAF91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FAF91; -webkit-box-shadow:4px 4px  
4px 4px #4FAF91; box-shadow:4px 4px 4px  
4px #4FAF91 }
```

# Background

The CSS property to change the background color of an element to Hex 4FAF91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FAF91 }
```

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

```
.background{ background-color:#4FAF91 }
```

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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