

# Converting Colors

Hex(4FA860)

Have a look what the booklet for  
Hex(4FA860) contains.

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# **Color**

**Hex(4FA860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FA860
RGB	79, 168, 96
RGB Percent	31%, 66%, 38%
CMY	0.6902, 0.3412, 0.6235
CMYK	0.53, 0.00, 0.43, 0.34
HSL	131°, 36%, 48%
HSV	131°, 53%, 66%
XYZ	19.3384, 30.5121, 15.9365
YIQ	133.1810, -29.9320, -41.2600

# Conversions

## Conversions Part 2

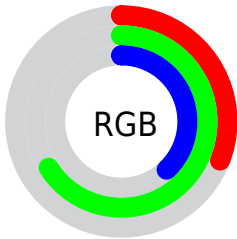
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 154, 168
Decimal	5220448
CIELab	62.09, -42.53, 29.24
CIElCh	62, 51.615, 145.488
Yxy	30.5121, 0.2940, 0.4638
Android (android.graphics.Color)	4283410528 (0xFF4FA860)
YUV	133.1810, -18.3302, -47.5167
Hunter-Lab	55.2377, -34.1742, 21.5608

# Details

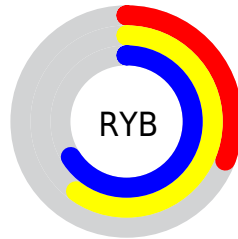
The Hex color **4FA860** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A84F97**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **86E093**, and **0D7330** is the 20% darker color. If you saturate the color by 10%, you get **3EA852**, and if you desaturate by 10%, it is **60A86E**.

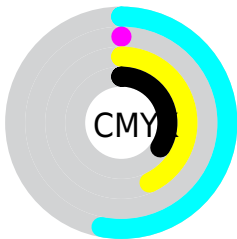
# Distribution



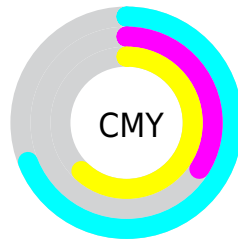
- Red (31%)
- Green (66%)
- Blue (38%)



- Red (31%)
- Yellow (60%)
- Blue (66%)



- Cyan (53%)
- Magenta (0%)
- Yellow (43%)
- Black (34%)



- Cyan (69%)
- Magenta (34%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FA860 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 4FA860 by changing the saturation by 10% instead.



 4FA860

 4FA860

FFFFFF

 328D48

 86E093

 0D7330

 A2FDAE

 005A19

 BFFFCA

 004100

 DCFE6

 002B00

 F9FFFF

 000E00

 000000

 4FA860

 4FA860

 3EA852

 60A86E

 2DA845

 71A87B

 1DA837

 81A889

 0CA82A

 92A896

 00A820

 A3A8A4

 B4A8B2

 C5A8BF

 D5A8CD

 E6A8DA

# Harmonies

## Analogous

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



899F3F



4FA860



00AC8D

# Triad

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



4FA860



009DF1



EA7171

# Complementary

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



4FA860



A84F97

# 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.



E66E9F



4FA860



8D8DE9

# Square

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



4FA860



00A8E1



C87ACB



D8804B

# Rectangle

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



4FA860



00ADAD



C87ACB



EB6F80



# Sweetspot

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



4FA860



B8DBBF



98A84F



596E5D



EDEDED



6E6E6E



# Same Dimension

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



4FA860



4FDB6A



4FA88C



4C544D



00941C



001404



# Inverse Universe

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



A84F97



DB4FC0



A84F6B



544C53



940078



140011



# Previews

## White Background



This preview shows how the Hex color 4FA860 looks on a white background.

## Color Contrast Check

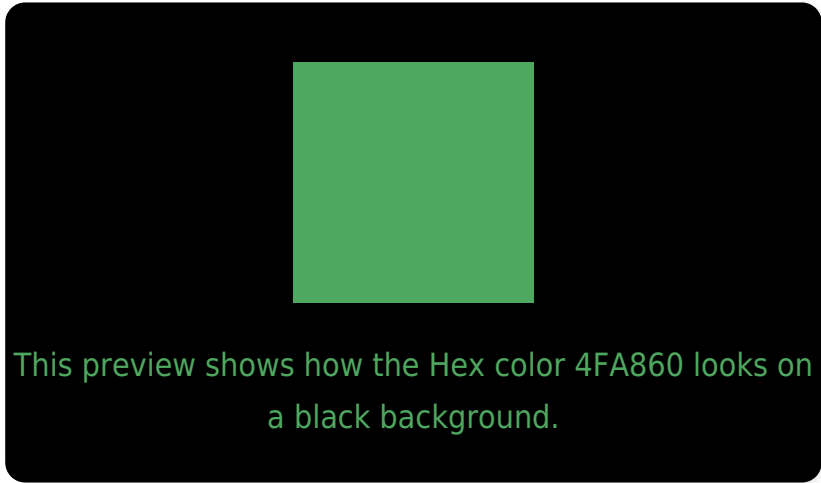
Large Text (above 18pt) WCAG AA × Fail

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 4FA860 Background



This preview shows how black text looks on a background with the Hex color 4FA860.



This preview shows how white text looks on a background with the Hex color 4FA860.

# Color Blindness Simulation

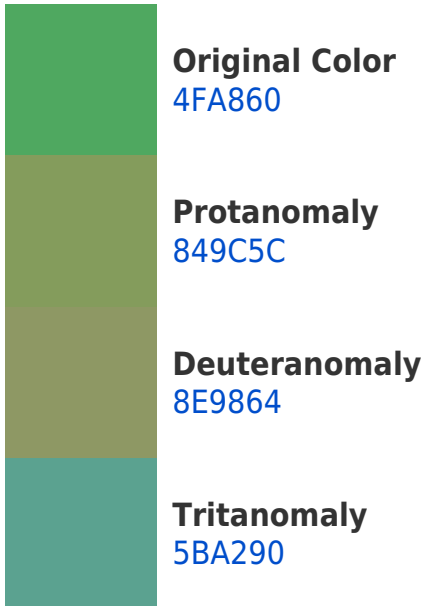
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

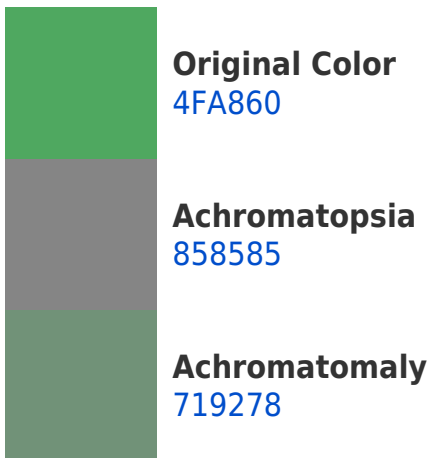




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FA860 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 #4FA860 looks like.

```
.text, #text, p{  
    color:#4FA860  
}
```

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 #4FA860 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA860
}
```

## Border

The CSS property to change the border of an element to Hex 4FA860 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
#4FA860 }
```

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

```
.border{ border-color:#4FA860 }
```

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

Here you see how a box with a 4 pixel #4FA860 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA860; -webkit-box-shadow:4px 4px  
4px 4px #4FA860; box-shadow:4px 4px 4px  
4px #4FA860 }
```

# Background

The CSS property to change the background color of an element to Hex 4FA860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA860 }
```

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

```
.background{ background-color:#4FA860 }
```

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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