

# Converting Colors

Hex(5FA96A)

Have a look what the booklet for  
Hex(5FA96A) contains.

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**Color**

**Hex(5FA96A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FA96A
RGB	95, 169, 106
RGB Percent	37%, 66%, 42%
CMY	0.6275, 0.3373, 0.5843
CMYK	0.44, 0.00, 0.37, 0.34
HSL	129°, 30%, 52%
HSV	129°, 44%, 66%
XYZ	21.5088, 31.8494, 18.6496
YIQ	139.6920, -23.8810, -35.2810

# Conversions

## Conversions Part 2

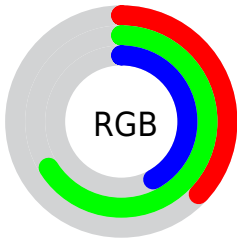
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 159, 169
Decimal	6269290
CIELab	63.22, -36.76, 25.51
CIElCh	63, 44.750, 145.242
Yxy	31.8494, 0.2987, 0.4423
Android (android.graphics.Color)	4284459370 (0xFF5FA96A)
YUV	139.6920, -16.6102, -39.1949
Hunter-Lab	56.4353, -30.7313, 19.9118

# Details

The Hex color **5FA96A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A95F9E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **95E19E**, and **29743A** is the 20% darker color. If you saturate the color by 10%, you get **4EA95C**, and if you desaturate by 10%, it is **70A978**.

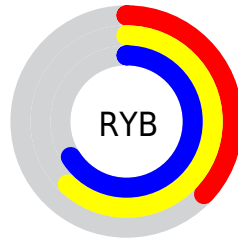
# Distribution



Red (37%)

Green (66%)

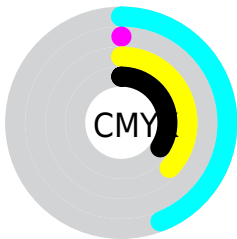
Blue (42%)



Red (37%)

Yellow (62%)

Blue (66%)

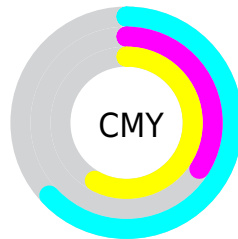


Cyan (44%)

Magenta (0%)

Yellow (37%)

Black (34%)



Cyan (63%)

Magenta (34%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FA96A 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 5FA96A by changing the saturation by 10% instead.



 5FA96A

 5FA96A

FFFFFF

 448E51

 95E19E

 29743A

 B1FEB9

 045B23

 CDFFD5

 00430C

 EAFFF1

 002C00

 001300

 000000

 5FA96A

 5FA96A

 4EA95C

 70A978

 3DA94D

 81A987

 2CA93F

 92A995

 1BA930

 A3A9A4

 0BA922

 B3A9B2

 00A919

 C4A9C0

 D5A9CF

 E6A9DD

 F7A9EB

# Harmonies

## Analogous

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



8FA14E



5FA96A



00AD91

# Triad

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



5FA96A



439FE8



E47A79

# Complementary

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



5FA96A



A95F9E

# 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.



DF78A1



5FA96A



9291E1

# Square

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



5FA96A



00A9DA



C482C7



D48659

# Rectangle

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



5FA96A



00ADAD



C482C7



E57886



# Sweetspot

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



5FA96A



BFDBC3



9FA95F



5C6E5F



EDEDED



6E6E6E



# Same Dimension

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



5FA96A



67DB78



5FA98E



4C544D



009416



001403



# Inverse Universe

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



A95F9E



DB67CA



A95F7A



544C53



94007E



140011



# Previews

## White Background



This preview shows how the Hex color 5FA96A looks on a white background.

## Color Contrast Check

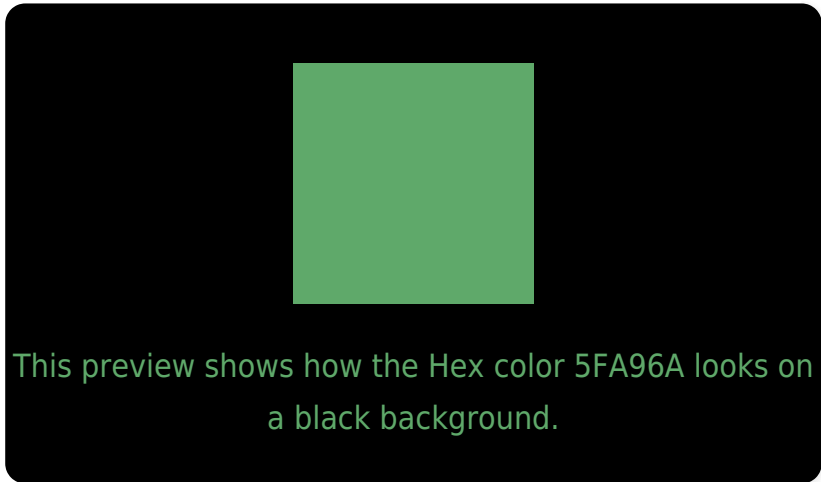
Large Text (above 18pt) WCAG AA × Fail

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

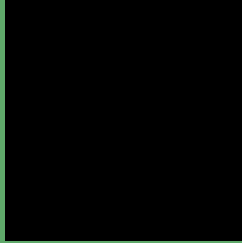
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5FA96A Background



This preview shows how black text looks on a background with the Hex color 5FA96A.

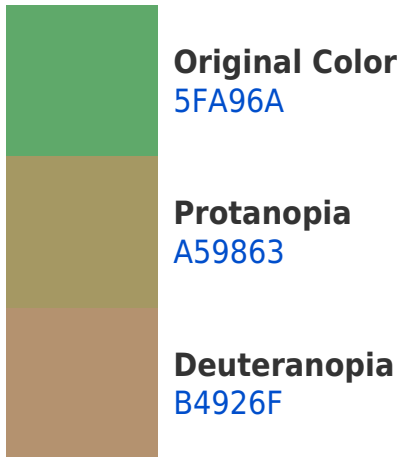


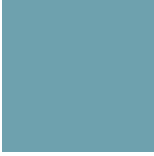
This preview shows how white text looks on a background with the Hex color 5FA96A.

# 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](#).

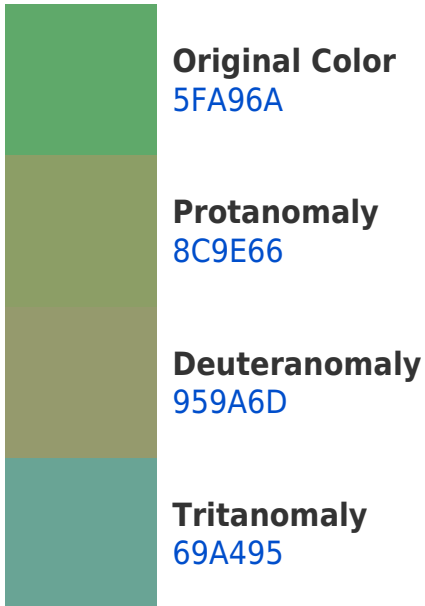
## Dichromacy



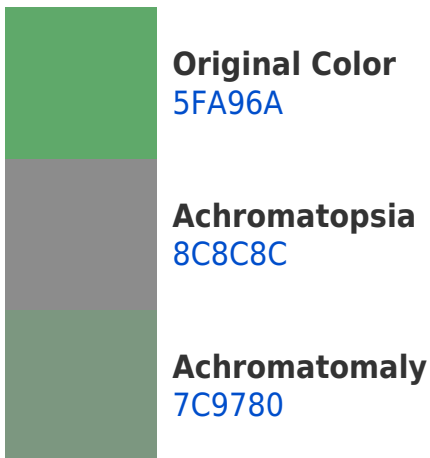


**Tritanopia**  
6EA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FA96A 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 #5FA96A looks like.

```
.text, #text, p{  
    color:#5FA96A  
}
```

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 #5FA96A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FA96A
}
```

## Border

The CSS property to change the border of an element to Hex 5FA96A 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
#5FA96A }
```

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

```
.border{ border-color:#5FA96A }
```

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

Here you see how a box with a 4 pixel #5FA96A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FA96A; -webkit-box-shadow:4px 4px  
4px 4px #5FA96A; box-shadow:4px 4px 4px  
4px #5FA96A }
```

# Background

The CSS property to change the background color of an element to Hex 5FA96A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FA96A }
```

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

```
.background{ background-color:#5FA96A }
```

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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