

# Converting Colors

Hex(5FA16D)

Have a look what the booklet for  
Hex(5FA16D) contains.

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# Color

**Hex(5FA16D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FA16D
RGB	95, 161, 109
RGB Percent	37%, 63%, 43%
CMY	0.6275, 0.3686, 0.5725
CMYK	0.41, 0.00, 0.32, 0.37
HSL	133°, 26%, 50%
HSV	133°, 41%, 63%
XYZ	20.2245, 29.0268, 19.0048
YIQ	135.3380, -22.6440, -30.1640

# Conversions

## Conversions Part 2

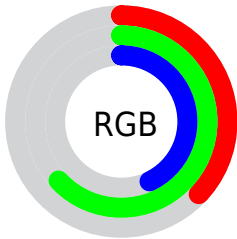
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 149, 161
Decimal	6267245
CIELab	60.81, -32.55, 20.65
CIElCh	61, 38.551, 147.610
Yxy	29.0268, 0.2963, 0.4253
Android (android.graphics.Color)	4284457325 (0xFF5FA16D)
YUV	135.3380, -12.9846, -35.3764
Hunter-Lab	53.8765, -27.2774, 16.7992

# Details

The Hex color **5FA16D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A15F93**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **94D8A1**, and **2B6D3D** is the 20% darker color. If you saturate the color by 10%, you get **4FA160**, and if you desaturate by 10%, it is **6FA17A**.

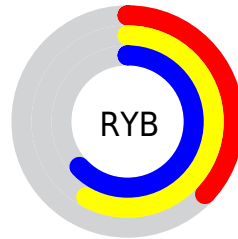
# Distribution



Red (37%)

Green (63%)

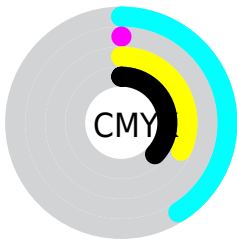
Blue (43%)



Red (37%)

Yellow (58%)

Blue (63%)

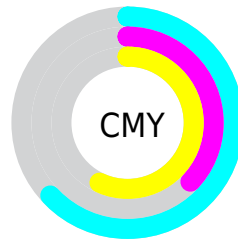


Cyan (41%)

Magenta (0%)

Yellow (32%)

Black (37%)



Cyan (63%)

Magenta (37%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FA16D 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 5FA16D by changing the saturation by 10% instead.



 5FA16D

 5FA16D

FFFFFF

 458654

 94D8A1

 2B6D3D

 B0F5BC

 0C5426

 CCFFD8

 003C11

 E9FFF4

 002600

 000600

 000000

 5FA16D

 5FA16D

 4FA160

 6FA17A

■ 3FA154

■ 7FA186

■ 2FA147

■ 8FA193

■ 1FA13A

■ 9FA1A0

■ 0FA12E

■ B0A1AC

■ 00A122

■ C0A1B9

■ D0A1C6

■ E0A1D2

■ F0A1DF

# Harmonies

## Analogous

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



889A55



5FA16D



25A48F

# Triad

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



5FA16D



5797D6



D37A75

# Complementary

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



5FA16D



A15F93

# 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.



D17897



5FA16D



928BCF

# Square

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



5FA16D



00A0CB



BB7FB8



C5845A

# Rectangle

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



5FA16D



00A4A6



BB7FB8



D47880



# Sweetspot

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



5FA16D



B8D1BD



94A15F



5A695D



E8E8E8



696969



# Same Dimension

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



5FA16D



6BD180



5FA18D



49524B



00911F



001204



# Inverse Universe

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



A15F93



D16BBB



A15F73



524950



910073



12000E



# Previews

## White Background



This preview shows how the Hex color 5FA16D looks on a white background.

## Color Contrast Check

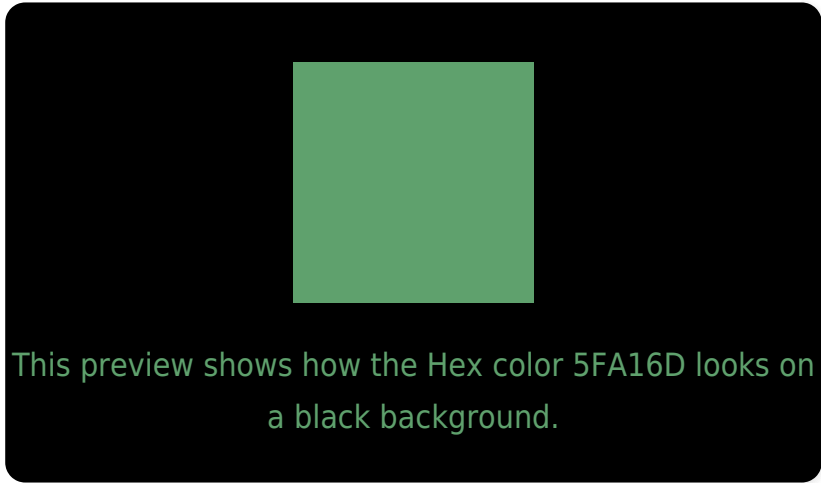
Large Text (above 18pt) WCAG AA ✓ Pass

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

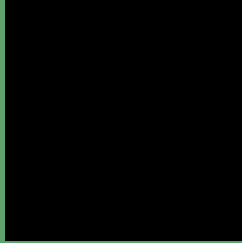
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5FA16D Background



This preview shows how black text looks on a background with the Hex color 5FA16D.

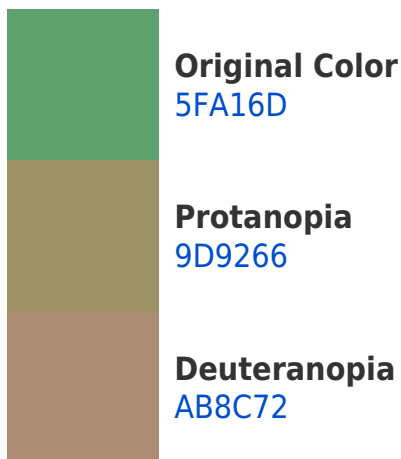


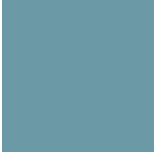
This preview shows how white text looks on a background with the Hex color 5FA16D.

# 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**  
6B9AA6

# Trichromacy



**Original Color**  
5FA16D

**Protanomaly**  
869769

**Deuteranomaly**  
8F9470

**Tritanomaly**  
679D91

# Monochromacy



**Original Color**  
5FA16D

**Achromatopsia**  
878787

**Achromatomaly**  
78907E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FA16D 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 #5FA16D looks like.

```
.text, #text, p{  
    color:#5FA16D  
}
```

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 #5FA16D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FA16D
}
```

## Border

The CSS property to change the border of an element to Hex 5FA16D 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
#5FA16D }
```

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

```
.border{ border-color:#5FA16D }
```

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

Here you see how a box with a 4 pixel #5FA16D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FA16D; -webkit-box-shadow:4px 4px  
4px 4px #5FA16D; box-shadow:4px 4px 4px  
4px #5FA16D }
```

# Background

The CSS property to change the background color of an element to Hex 5FA16D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FA16D }
```

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

```
.background{ background-color:#5FA16D }
```

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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