

Converting Colors

Hex(5FA76A)

Have a look what the booklet for
Hex(5FA76A) contains.

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Color

Hex(5FA76A)

Conversions

Conversions Part 1

Format	Color
Hex	5FA76A
RGB	95, 167, 106
RGB Percent	37%, 65%, 42%
CMY	0.6275, 0.3451, 0.5843
CMYK	0.43, 0.00, 0.37, 0.35
HSL	129°, 29%, 51%
HSV	129°, 43%, 65%
XYZ	21.1396, 31.1109, 18.5265
YIQ	138.5180, -23.3310, -34.2350

Conversions

Conversions Part 2

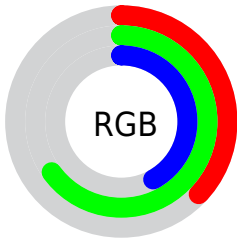
Format	Color
RYB	95, 157, 167
Decimal	6268778
CIELab	62.60, -35.86, 24.69
CIELCh	63, 43.539, 145.448
Yxy	31.1109, 0.2987, 0.4396
Android (android.graphics.Color)	4284458858 (0xFF5FA76A)
YUV	138.5180, -16.0314, -38.1653
Hunter-Lab	55.7772, -29.9586, 19.3507

Details

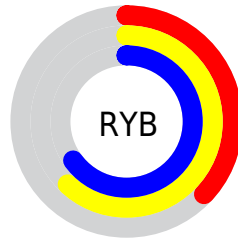
The Hex color **5FA76A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A75F9C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **95DF9E**, and **29723A** is the 20% darker color. If you saturate the color by 10%, you get **4EA75C**, and if you desaturate by 10%, it is **70A778**.

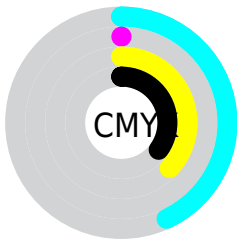
Distribution



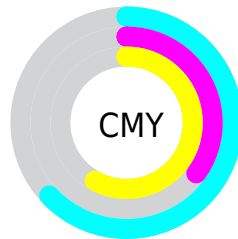
- Red (37%)
- Green (65%)
- Blue (42%)



- Red (37%)
- Yellow (62%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (37%)
- Black (35%)



- Cyan (63%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FA76A 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 5FA76A by changing the saturation by 10% instead.



5FA76A



5FA76A

FFFFFF



458C51



95DF9E



29723A



B1FBB9



065923



CDFFD5



00410D



EAFFF1



002B00



001100



000000



5FA76A



5FA76A



4EA75C



70A778

 3EA74E

 80A786

 2DA740

 91A794

 1CA731

 A2A7A3

 0CA723

 B2A7B1

 00A71A

 C3A7BF

 D4A7CD

 E5A7DB

 F5A7E9

Harmonies

Analogous

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



8E9F4F



5FA76A



02AB90

Triad

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



5FA76A



479DE4



E07A78

Complementary

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



5FA76A



A75F9C

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.



DC789F



5FA76A



9190DD

Square

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



5FA76A



00A6D6



C281C4



D18559

Rectangle

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



5FA76A



00ABAB



C281C4



E17885

Sweetspot

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



5FA76A



BDD9C1



9CA75F



5C6E5F



EDEDED



6E6E6E

Same Dimension

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



5FA76A



68D979



5FA78E



4C544D



009417



001403

Inverse Universe

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



A75F9C



D968C8



A75F78



544C53



94007D



140011

Previews

White Background



This preview shows how the Hex color 5FA76A looks on a white background.

Color Contrast Check

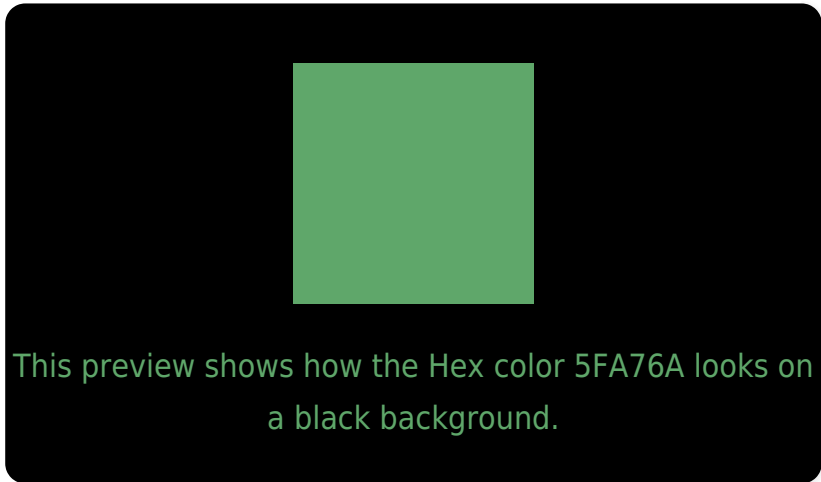
Large Text (above 18pt) WCAG AA × Fail

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

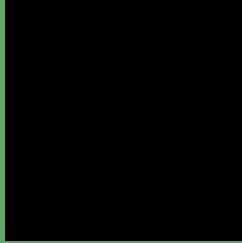
Any Text WCAG AA ✓ Pass

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 5FA76A Background



This preview shows how black text looks on a background with the Hex color 5FA76A.

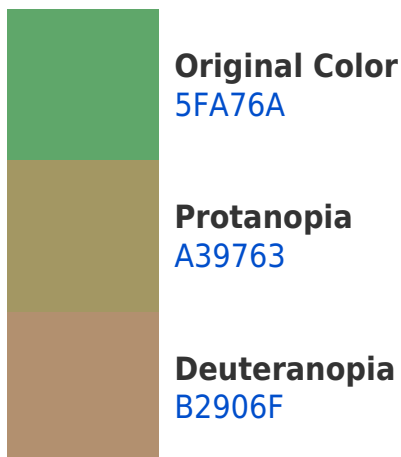


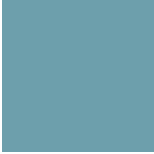
This preview shows how white text looks on a background with the Hex color 5FA76A.

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
6D9FAC

Trichromacy



Original Color
5FA76A



Protanomaly
8A9D66



Deuteranomaly
94986D



Tritanomaly
68A294

Monochromacy



Original Color
5FA76A



Achromatopsia
8B8B8B



Achromatomaly
7B957F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FA76A 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 #5FA76A looks like.

```
.text, #text, p{  
    color:#5FA76A  
}
```

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 #5FA76A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FA76A
}
```

Border

The CSS property to change the border of an element to Hex 5FA76A 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
#5FA76A }
```

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

```
.border{ border-color:#5FA76A }
```

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

Here you see how a box with a 4 pixel #5FA76A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FA76A; -webkit-box-shadow:4px 4px  
4px 4px #5FA76A; box-shadow:4px 4px 4px  
4px #5FA76A }
```

Background

The CSS property to change the background color of an element to Hex 5FA76A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FA76A }
```

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

```
.background{ background-color:#5FA76A }
```

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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