

Converting Colors

Hex(0FAC6A)

Have a look what the booklet for
Hex(0FAC6A) contains.

Hex(0FAC6A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0FAC6A)

Conversions

Conversions Part 1

Format	Color
Hex	0FAC6A
RGB	15, 172, 106
RGB Percent	6%, 67%, 42%
CMY	0.9412, 0.3255, 0.5843
CMYK	0.91, 0.00, 0.38, 0.33
HSL	155°, 84%, 37%
HSV	155°, 91%, 67%
XYZ	17.5510, 30.6472, 18.6261
YIQ	117.5330, -72.3860, -53.8100

Conversions

Conversions Part 2

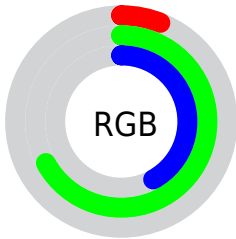
Format	Color
RYB	15, 114, 172
Decimal	1027178
CIELab	62.21, -52.38, 23.82
CIElCh	62, 57.543, 155.548
Yxy	30.6472, 0.2626, 0.4586
Android (android.graphics.Color)	4279217258 (0xFF0FAC6A)
YUV	117.5330, -5.6858, -89.9214
Hunter-Lab	55.3599, -40.2891, 18.8035

Details

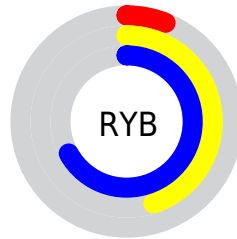
The Hex color **0FAC6A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AC0F51**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **5FE59E**, and **00763A** is the 20% darker color. If you saturate the color by 10%, you get **00AC64**, and if you desaturate by 10%, it is **20AC71**.

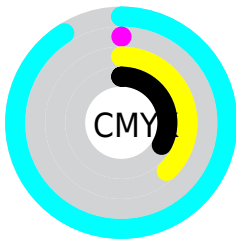
Distribution



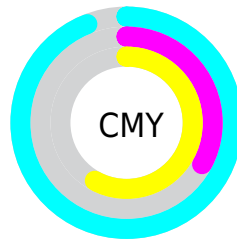
- Red (6%)
- Green (67%)
- Blue (42%)



- Red (6%)
- Yellow (45%)
- Blue (67%)



- Cyan (91%)
- Magenta (0%)
- Yellow (38%)
- Black (33%)



- Cyan (94%)
- Magenta (33%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FAC6A 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 0FAC6A by changing the saturation by 10% instead.

 0FAC6A

 0FAC6A

FFFFFF

 009151

 5FE59E

 00763A

 7EFFB9

 005C23

 9CFFD5

 00440D

 BAFFF1

 002E00

 D8FFFF

 000F00

 F6FFFF

 000000

 0FAC6A

 0FAC6A

 00AC64

 20AC71

 31AC78

 43AC80

 54AC87

 65AC8E

 76AC95

 87AC9D

 99ACA4

 AAACAB

Harmonies

Analogous

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



73A43E



0FAC6A



00AF9F

Triad

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



0FAC6A



3899FC



EE715E

Complementary

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



0FAC6A



AC0F51

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.



F3678F



0FAC6A



A585EA

Square

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



0FAC6A



00A7F3



DC70C2



D38437

Rectangle

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



0FAC6A



00AFC1



DC70C2



F26C6D

Sweetspot

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



0FAC6A



A4E0C7



53AC0F



4C7061



F0F0F0



707070

Same Dimension

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



0FAC6A



00E082



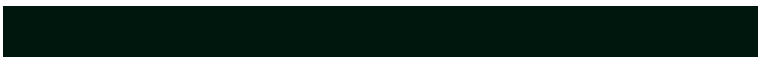
0FA2AC



4E5753



009657



00170D

Inverse Universe

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



AC0F51



E0005E



AC190F



574E52



96003F



17000A

Previews

White Background



This preview shows how the Hex color 0FAC6A looks on a white background.

Color Contrast Check

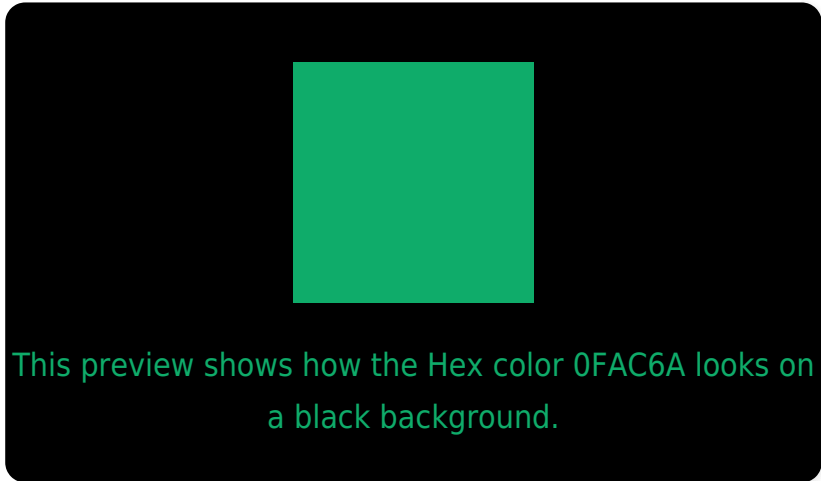
Large Text (above 18pt) WCAG AA × Fail

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

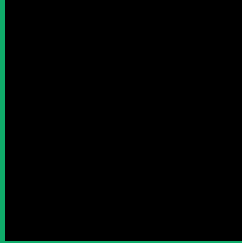
Any Text WCAG AA ✓ Pass

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 0FAC6A Background



This preview shows how black text looks on a background with the Hex color 0FAC6A.

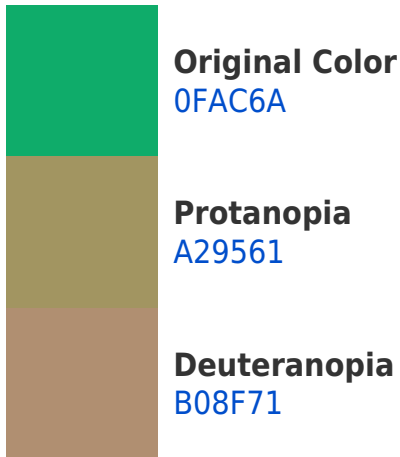


This preview shows how white text looks on a background with the Hex color 0FAC6A.

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](#).

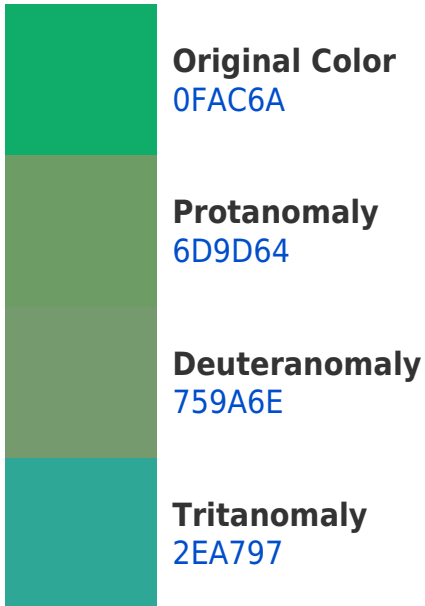
Dichromacy



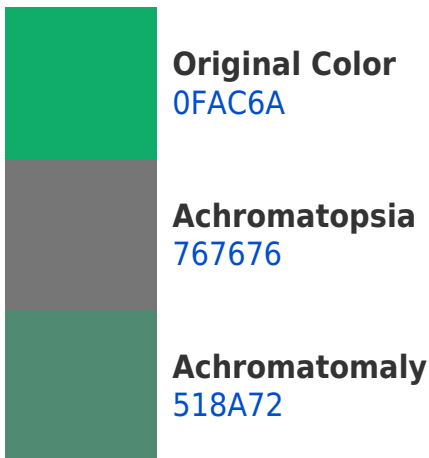


Tritanopia
3FA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0FAC6A 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 #0FAC6A looks like.

```
.text, #text, p{  
    color:#0FAC6A  
}
```

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 #0FAC6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FAC6A
}
```

Border

The CSS property to change the border of an element to Hex 0FAC6A 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
#0FAC6A }
```

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

```
.border{ border-color:#0FAC6A }
```

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

Here you see how a box with a 4 pixel #0FAC6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FAC6A; -webkit-box-shadow:4px 4px  
4px 4px #0FAC6A; box-shadow:4px 4px 4px  
4px #0FAC6A }
```

Background

The CSS property to change the background color of an element to Hex 0FAC6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FAC6A }
```

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

```
.background{ background-color:#0FAC6A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor