

Converting Colors

Hex(6F9940)

Have a look what the booklet for
Hex(6F9940) contains.

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Color

Hex(6F9940)

Conversions

Conversions Part 1

Format	Color
Hex	6F9940
RGB	111, 153, 64
RGB Percent	44%, 60%, 25%
CMY	0.5647, 0.4000, 0.7490
CMYK	0.27, 0.00, 0.58, 0.40
HSL	88°, 41%, 43%
HSV	88°, 58%, 60%
XYZ	18.8722, 26.5321, 8.9770
YIQ	130.2960, 3.5370, -36.5830

Conversions

Conversions Part 2

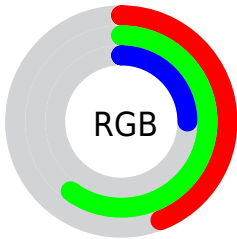
Format	Color
RYB	64, 153, 106
Decimal	7313728
CIELab	58.54, -29.59, 41.47
CIELCh	59, 50.943, 125.511
Yxy	26.5321, 0.3470, 0.4879
Android (android.graphics.Color)	4285503808 (0xFF6F9940)
YUV	130.2960, -32.6839, -16.9226
Hunter-Lab	51.5094, -24.7419, 25.7235

Details

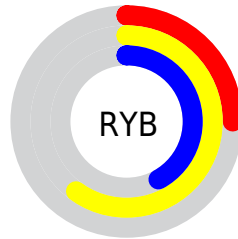
The Hex color **6F9940** is a dark color, and the websafe version is hex **669933**, and the color name is **palm leaf**. A complement of this color would be **6A4099**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A5D073**, and **3B660B** is the 20% darker color. If you saturate the color by 10%, you get **689931**, and if you desaturate by 10%, it is **76994F**.

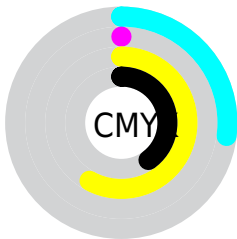
Distribution



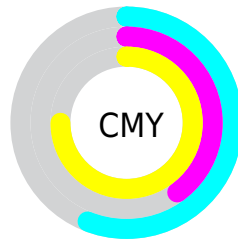
- Red (44%)
- Green (60%)
- Blue (25%)



- Red (25%)
- Yellow (60%)
- Blue (42%)



- Cyan (27%)
- Magenta (0%)
- Yellow (58%)
- Black (40%)



- Cyan (56%)
- Magenta (40%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F9940 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 6F9940 by changing the saturation by 10% instead.



6F9940



6F9940

FFFFFF



557F27



A5D073



3B660B



C1EC8D



224D00



DDFFA8



043600



FAFFC4



002200



FFFFE0



000000

FFFFFFD



6F9940



6F9940



689931



76994F

■ 619921

■ 7D995F

■ 599912

■ 85996E

■ 529903

■ 8C997D

■ 519900

■ 93998C

■ 9A999C

■ A299AB

■ A999BA

■ B099CA

Harmonies

Analogous

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



9E8D2E



6F9940



27A066

Triad

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



6F9940



009BDD



DE6586

Complementary

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



6F9940



6A4099

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.



CA6CB3



6F9940



438FE6

Square

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



6F9940



00A1BF



9A7ED6



DA6D5B

Rectangle

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



6F9940



00A284



9A7ED6



DA6595

Sweetspot

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



6F9940



B7C7A5



996A40



5A6350



E3E3E3



636363

Same Dimension

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



6F9940



85C73C



439940



494D45



4A8C00



070D00

Inverse Universe

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



6A4099



7D3CC7



964099



48454D



42008C



06000D

Previews

White Background



This preview shows how the Hex color 6F9940 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 6F9940 Background



This preview shows how black text looks on a background with the Hex color 6F9940.

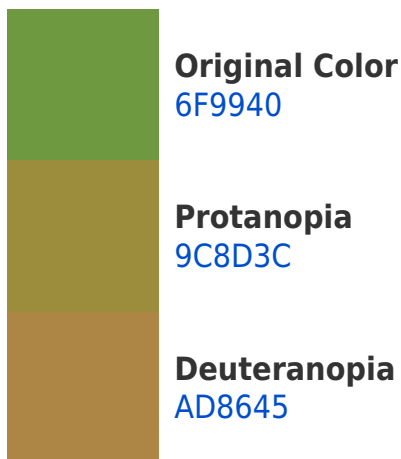


This preview shows how white text looks on a background with the Hex color 6F9940.

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
7C909B

Trichromacy



Original Color
6F9940

Protanomaly
8C913D

Deuteranomaly
968D43

Tritanomaly
77937A

Monochromacy



Original Color
6F9940

Achromatopsia
828282

Achromatomaly
7B8A6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F9940 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 #6F9940 looks like.

```
.text, #text, p{  
    color:#6F9940  
}
```

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 #6F9940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F9940
}
```

Border

The CSS property to change the border of an element to Hex 6F9940 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
#6F9940 }
```

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

```
.border{ border-color:#6F9940 }
```

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

Here you see how a box with a 4 pixel #6F9940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F9940; -webkit-box-shadow:4px 4px  
4px 4px #6F9940; box-shadow:4px 4px 4px  
4px #6F9940 }
```

Background

The CSS property to change the background color of an element to Hex 6F9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F9940 }
```

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

```
.background{ background-color:#6F9940 }
```

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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