

# Converting Colors

Hex(6D9A60)

Have a look what the booklet for  
Hex(6D9A60) contains.

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**Color**

**Hex(6D9A60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D9A60
RGB	109, 154, 96
RGB Percent	43%, 60%, 38%
CMY	0.5725, 0.3961, 0.6235
CMYK	0.29, 0.00, 0.38, 0.40
HSL	107°, 23%, 49%
HSV	107°, 38%, 60%
XYZ	19.9736, 27.2069, 15.2651
YIQ	133.9330, -8.2020, -27.5780

# Conversions

## Conversions Part 2

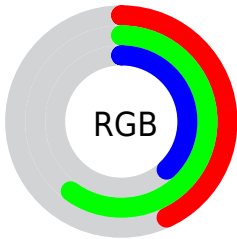
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 154, 141
Decimal	7182944
CIELab	59.17, -26.72, 25.70
CIELCh	59, 37.075, 136.123
Yxy	27.2069, 0.3199, 0.4357
Android (android.graphics.Color)	4285373024 (0xFF6D9A60)
YUV	133.9330, -18.7010, -21.8662
Hunter-Lab	52.1603, -22.9279, 19.1605

# Details

The Hex color **6D9A60** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8D609A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A2D193**, and **3B6731** is the 20% darker color. If you saturate the color by 10%, you get **619A51**, and if you desaturate by 10%, it is **799A6F**.

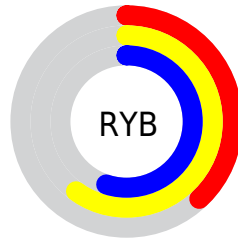
# Distribution



Red (43%)

Green (60%)

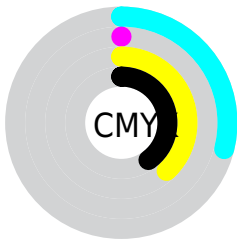
Blue (38%)



Red (38%)

Yellow (60%)

Blue (55%)

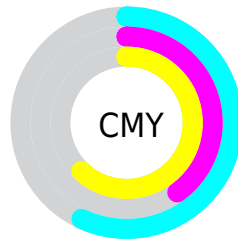


Cyan (29%)

Magenta (0%)

Yellow (38%)

Black (40%)



Cyan (57%)

Magenta (40%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D9A60 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 6D9A60 by changing the saturation by 10% instead.





6D9A60



6D9A60

FFFFFF



548048



A2D193



3B6731



BDEDAE



224E1A



DAFFCA



083702



F6FFE6



002200



000000



6D9A60



6D9A60



619A51



799A6F



559A41



859A7F

■ 499A32

■ 919A8E

■ 3D9A22

■ 9D9A9E

■ 319A13

■ A99AAD

■ 259A04

■ B59ABC

■ 239A00

■ C19ACC

■ CD9ADB

■ D99AEB

# Harmonies

## Analogous

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



92924E



6D9A60



409E7E

# Triad

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



6D9A60



3C96CD



CD757E

# Complementary

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



6D9A60



8D609A

# 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.



C4769F



6D9A60



7A8CCD

# Square

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



6D9A60



009DBC



A87FBC



C67C61

# Rectangle

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



6D9A60



0BA094



A87FBC



CC7489



# Sweetspot

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



6D9A60



B8C9B3



9A8C60



5C6659



E6E6E6



666666



# Same Dimension

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



6D9A60



83C96F



609A6F



474D45



1F8C00



030D00



# Inverse Universe

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



8D609A



B56FC9



9A608B



4B454D



6D008C



0A000D



# Previews

## White Background



This preview shows how the Hex color 6D9A60 looks on a white background.

## Color Contrast Check

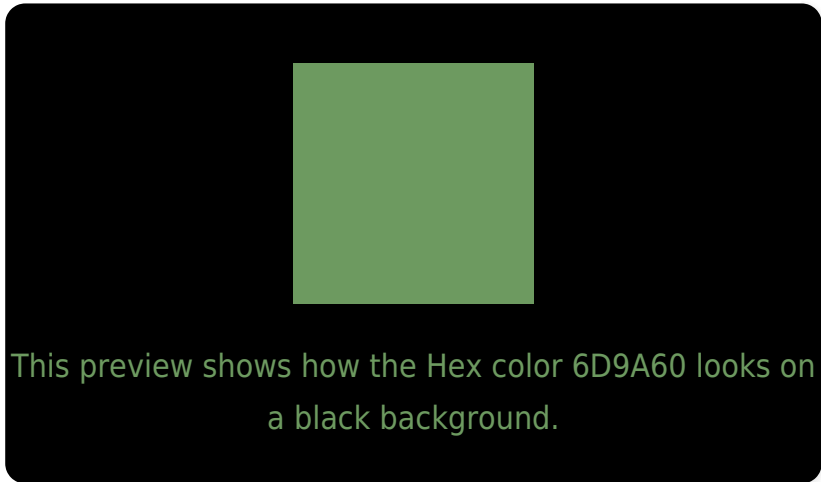
Large Text (above 18pt) WCAG AA ✓ Pass

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

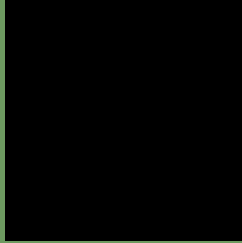
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6D9A60 Background



This preview shows how black text looks on a background with the Hex color 6D9A60.



This preview shows how white text looks on a background with the Hex color 6D9A60.

# 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**  
77929E

# Trichromacy



**Original Color**  
6D9A60

**Protanomaly**  
8A925D

**Deuteranomaly**  
938F63

**Tritanomaly**  
739587

# Monochromacy



**Original Color**  
6D9A60

**Achromatopsia**  
868686

**Achromatomaly**  
7D8D78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D9A60 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 #6D9A60 looks like.

```
.text, #text, p{  
    color:#6D9A60  
}
```

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 #6D9A60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D9A60
}
```

## Border

The CSS property to change the border of an element to Hex 6D9A60 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
#6D9A60 }
```

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

```
.border{ border-color:#6D9A60 }
```

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

Here you see how a box with a 4 pixel #6D9A60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D9A60; -webkit-box-shadow:4px 4px  
4px 4px #6D9A60; box-shadow:4px 4px 4px  
4px #6D9A60 }
```

# Background

The CSS property to change the background color of an element to Hex 6D9A60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D9A60 }
```

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

```
.background{ background-color:#6D9A60 }
```

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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